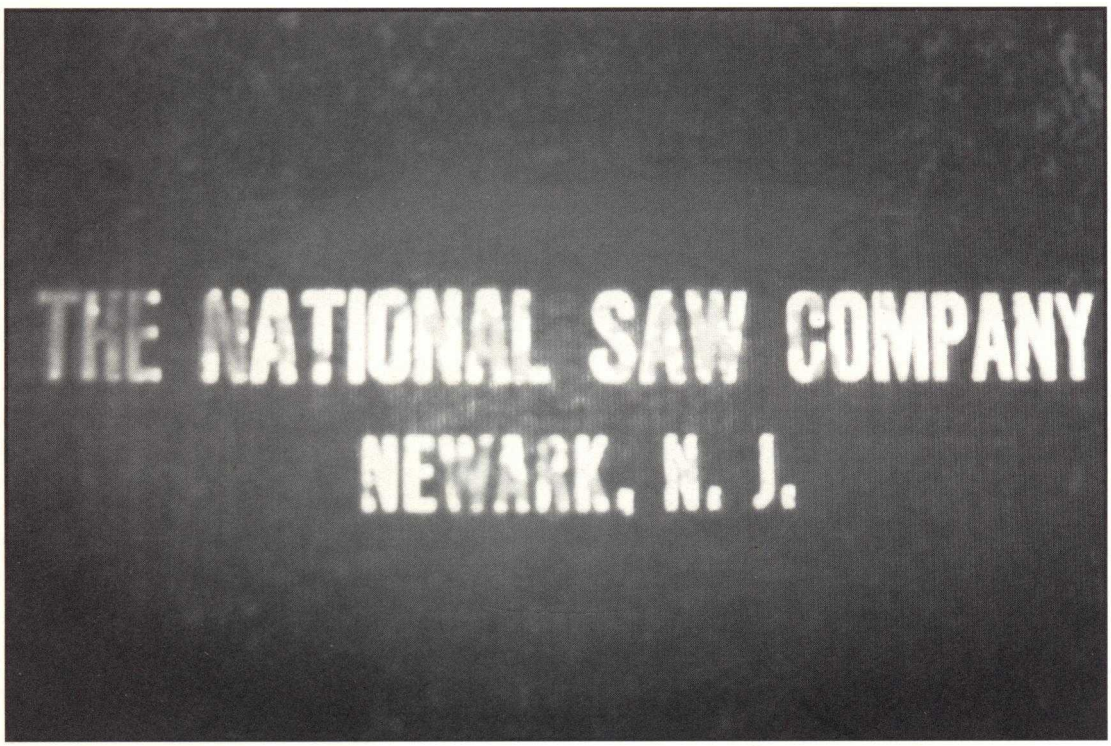

THE NATIONAL SAW COMPANY
NEWARK, N. J.

# PRICE LIST

OF

# The National Saw Co.

# SAWS

OPERATING

RICHARDSON BROS., - - - - - Newark, N. J.
WHEELER, MADDEN & CLEMSON MFG. CO., Middletown, N. Y.
HARVEY W. PEACE CO., - - - Brooklyn, N. Y.
WOODROUGH & McPARLIN, - - - - Cincinnati, O.

GENERAL OFFICE

NEWARK, N. J.

April 1, 1895.

Amzi Pierson & Co.
Printers and Book-Binders,
Newark, N.J.

# RICHARDSON BROS.'

CELEBRATED

## SAWS

Hand, Panel and Rip Saws,

Back, Compass and Butcher Saws,

Pruning, Plumber and Ship Carpenters' Saws,

Turning Webs, Felloe Webs,

Butcher Webs, Billet Webs,

Plastering and Brick Trowels,

Turning Saws, Framed Wood Saws,

Circular, Mill and Mulay Saws,

Gang, Drag and Pit Saws,

Segment Saws,

Cross-Cut, One and Two-Man,

Band Saws, Saw Mandrels, Swages,

Slaw Cutters, Currier Blades.

# NOTICE.

For the information of our customers we will state that the City of Newark is provided with the very best of shipping facilities. Rates over the following Fast Freight Lines are the same as from New York For all lines which do not reach this city goods will be delivered F. O. B. in New York.

**Great Eastern Line, North, West and Southwest.**

**Star Union " " " "**

**Empire Line, West and Northwest.**

**Anchor Line.**

**North Shore Line, West and North.**

**South Shore Line.**

**Erie and Pacific, West and Southwest.**

**Delaware, Lackawanna and Western.**

**Continental Line.**

**Traders' Dispatch.**

---

The following are Factory Rates for the coming season, and bills unpaid by the 20th prox. will be drawn for at sight.

Please examine List *Carefully* before ordering, as various *Changes* and *Additions* have been made.

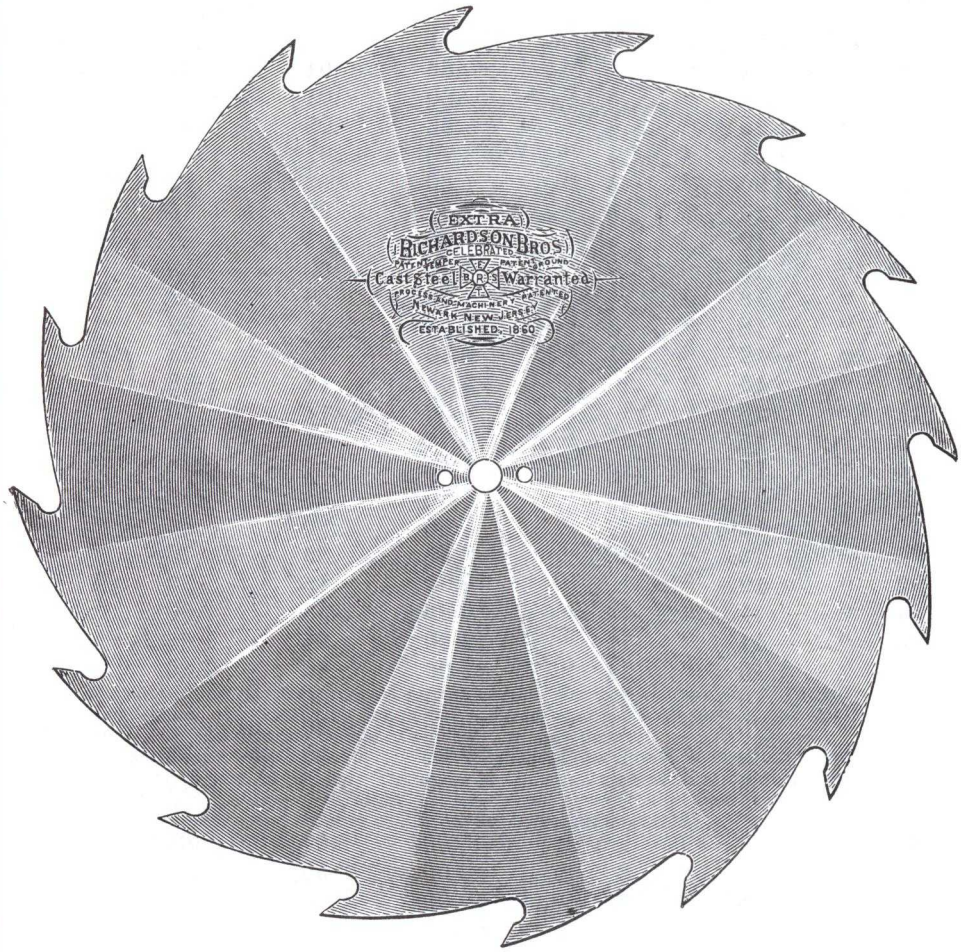
Packages charged for.

Goods delivered Free on Board in New York City.

Saws not on our List made to order at short notice.

## Richardsons' Celebrated Patent Oil Tempered and Patent Ground

# CIRCULAR SAWS.




## TERMS OF WARRANTY.

Each Saw is warranted perfectly true, or as true as it is possible to make it, free from flaws and seams. If found to be defective in either of these particulars it may be returned, and if on examination we are satisfied the Saw is at fault, all necessary repairs will be made free of charge, or a new Saw will be given in exchange, provided it is returned within sixty days from delivery.

The practice of using a cold-chisel or punch for re-toothing a Saw is almost certain to distort or crack the plate, and **corners filed square in the gullet of the tooth will frequently produce the same result**, particularly in frosty weather. Our warranty does not cover Saws breaking from either of these Causes.

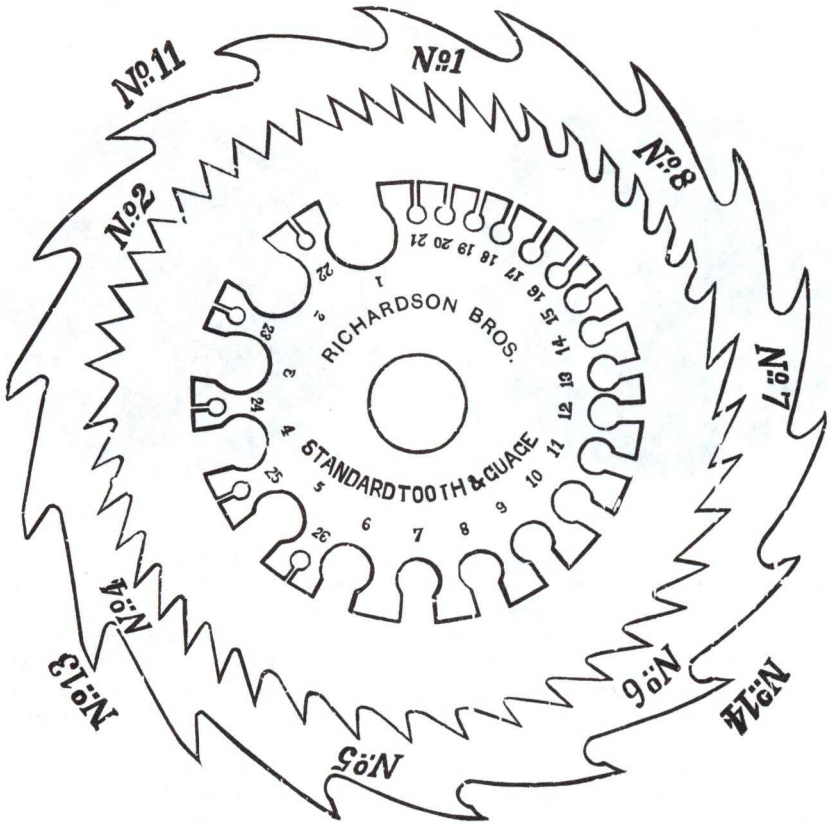
RICHARDSON BROS.

# RICHARDSON BROTHERS'

## Patent Ground and Tempered Solid Teeth Circular Saws of Extra Quality and Superior Workmanship.

| Diameter. | Thickness. | Size of Hole. | Price each. | Extra for each additional Gauge (heavier). | Price for Beveling new Saws (Grinding or Beveling Old Saws, extra). |
|---|---|---|---|---|---|
| 1 inch, | 24 gauge, | $\frac{3}{8}$ inch, | $0.50 | $0.01 | $0.06 per gauge. |
| $1\frac{1}{2}$ inches, | 24 " | $\frac{3}{8}$ " | .55 | .01 | .07 " |
| 2 " | 23 " | $\frac{3}{8}$ " | .60 | .01$\frac{1}{2}$ | .08 " |
| $2\frac{1}{2}$ " | 22 " | $\frac{3}{8}$ " | .65 | .02 | .09 " |
| 3 " | 21 " | $\frac{1}{2}$ " | .70 | .02$\frac{1}{2}$ | .10 " |
| $3\frac{1}{2}$ " | 20 " | $\frac{1}{2}$ " | .80 | .03 | .12 " |
| 4 " | 19 " | $\frac{3}{4}$ " | 1.00 | .03 | .14 " |
| 5 " | 19 " | $\frac{3}{4}$ " | 1.20 | .04 | .16 " |
| 6 " | 18 " | $\frac{3}{4}$ " | 1.40 | .05 | .18 " |
| 7 " | 18 " | $\frac{3}{4}$ " | 1.70 | .06 | .20 " |
| 8 " | 18 " | $\frac{7}{8}$ " | 2.00 | .08 | .22 " |
| 9 " | 17 " | $\frac{7}{8}$ " | 2.50 | .10 | .25 " |
| 10 " | 16 " | 1 " | 3.00 | .12 | .28 " |
| 11 " | 16 " | 1 " | 3.50 | .14 | .30 " |
| 12 " | 15 " | 1 " | 3.75 | .17 | .35 " |
| 14 " | 15 " | $1\frac{1}{8}$ " | 4.50 | .21 | .40 " |
| 16 " | 14 " | $1\frac{1}{8}$ " | 5.50 | .25 | .50 " |
| 18 " | 13 " | $1\frac{1}{4}$ " | 7.00 | .30 | .60 " |
| 20 " | 13 " | $1\frac{5}{16}$ " | 8.50 | .35 | .70 " |
| 22 " | 12 " | $1\frac{5}{16}$ " | 10.00 | .45 | .80 " |
| 24 " | 11 " | $1\frac{3}{8}$ " | 12.00 | .55 | .90 " |
| 26 " | 11 " | $1\frac{3}{8}$ " | 14.00 | .65 | 1.05 " |
| 28 " | 10 " | $1\frac{1}{2}$ " | 16.00 | .80 | 1.20 " |
| 30 " | 10 " | $1\frac{1}{2}$ " | 18.00 | .90 | 1.30 " |
| 32 " | 10 " | $1\frac{5}{8}$ " | 20.00 | 1.00 | 1.40 " |
| 34 " | 9 " | $1\frac{5}{8}$ " | 22.50 | 1.20 | 1.55 " |
| 36 " | 9 " | $1\frac{5}{8}$ " | 25.50 | 1.40 | 1.70 " |
| 38 " | 9 " | $1\frac{5}{8}$ " | 30.00 | 1.75 | 1.85 " |
| 40 " | 9 " | 2 " | 35.00 | 2.00 | 2.00 " |
| 42 " | 8 " | 2 " | 42.00 | 2.50 | 2.20 " |
| 44 " | 8 " | 2 " | 50.00 | 3.00 | 2.40 " |
| 46 " | 8 " | 2 " | 60.00 | 3.50 | 2.60 " |
| 48 " | 8 " | 2 " | 70.00 | 4.00 | 2.80 " |
| 50 " | 7 " | 2 " | 80.00 | 4.50 | 3.00 " |
| 52 " | 7 " | 2 " | 90.00 | 5.00 | 3.25 " |
| 54 " | 7 " | 2 " | 100.00 | 6.00 | 3.50 " |
| 56 " | 7 " | 2 " | 115.00 | 7.00 | 3.75 " |
| 58 " | 7 " | 2 " | 130.00 | 8.00 | 4.05 " |
| 60 " | 6 " | 2 " | 145.00 | 9.00 | 4.35 " |
| 62 " | 6 " | 2 " | 160.00 | 10.00 | 4.65 " |
| 64 " | 6 " | 2 " | 180.00 | 12.00 | 5.00 " |
| 66 " | 6 " | 2 " | 200.00 | 15.00 | 5.35 " |
| 68 " | 5 " | 2 " | 225.00 | 18.00 | 5.75 " |
| 70 " | 5 " | 2 " | 255.00 | 21.00 | 6.15 " |

No extra charge for Saws one gauge thinner than list. One gauge Beveling allowed on all Circular Saws larger than 38 inches. All Circular Saws 48 inches and larger if thinner than 10 gauge are not warranted, and add 10 per cent. for each gauge thinner than No. 10.




The above illustration represents our various styles and sizes of Saw Teeth; also our Standard Gauge. By consulting it a person will be enabled to inform us of the Size and Style of Tooth, and also the Gauge of any Saw he may desire.

When ordering Circular Saws the following directions should be explicitly given:

Diameter of Saw, in inches. Thickness or Gauge of Saw at Rim. Thickness or Gauge of Saw at Centre. Log side, right or left hand, saw cutting towards you. Number of Teeth in Saw. Kind and number of Tooth, as shown on engraving. Size of mandrel hole. Size of pin holes. Distance between pin holes from centre to centre.

## OUR STANDARD GAUGE

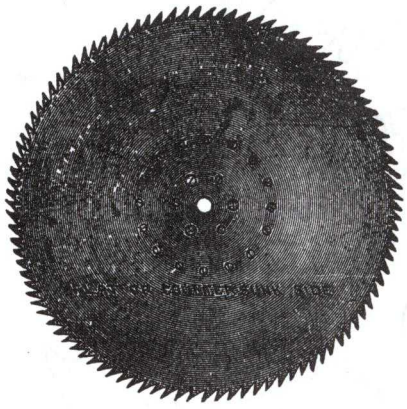
### Exactly Corresponds with the Stubbs' English Gauge.

| Gauge. | Decimals of one inch. | Gauge. | Decimals of one inch. |
|---|---|---|---|
| 0 | .340 | 13 | .095 |
| 1 | .300 | 14 | .083 |
| 2 | .284 | 15 | .072 |
| 3 | .259 | 16 | .065 |
| 4 | .238 | 17 | .058 |
| 5 | .220 | 18 | .049 |
| 6 | .203 | 19 | .042 |
| 7 | .180 | 20 | .035 |
| 8 | .165 | 21 | .032 |
| 9 | .148 | 22 | .028 |
| 10 | .134 | 23 | .025 |
| 11 | .120 | 24 | .022 |
| 12 | .109 | 25 | .020 |

**TO PARTIES SENDING SAWS FOR REPAIRS.**

We receive hundreds of Saws for repairs, and as it would be impossible to identify them without the NAME OF THE OWNER ON EACH, attention to this matter at the time of shipping will save annoyance and delay. Mail instructions of work to be done, and shipping directions for the return of the Saw when finished.

# SHINGLE SAWS.



LEFT HAND.

RIGHT HAND.

When ordering Shingle Saws give the following directions plainly: Diameter of Saw, in inches. Thickness or Gauge of Saw at Centre. Thickness or Gauge of Saw at Rim. Full sketch or pattern of holes, and sample of screw by which to drill and countersink Saw. If you have a flange send it to have holes drilled in Saw to fit flange. If you wish us to furnish the flange, send full and correct sketch of diameter, thickness, holes, etc. State whose make of machine the Saw is to run upon, number of teeth you wish in the Saw, and be sure to give flat or countersunk side and the direction in which the teeth run (see engraving above).

Particular attention is called to the importance of using screws that are suitable to the thickness of the Saws. We frequently receive screws as samples by which to drill and countersink that have heads entirely too large for the thickness of Saw, and which require the flange to be countersunk, thereby reducing the length of thread in flange, making it impossible to bind the Saw firmly to flange.

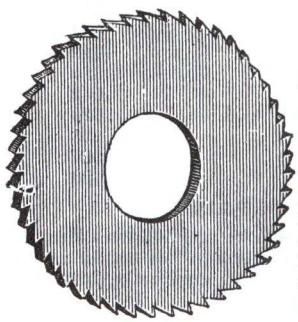
In no case should screw-heads be deeper than thickness of Saw. Thin Saws require smaller screw-heads than thick Saws.

## Warranted Extra Cast Steel Shingle Saws.

**Tapered and Patent Ground.**

| 30 in. | 32 in. | 34 in. | 36 in. | 38 in. | 40 in. | 42 in. |
|---|---|---|---|---|---|---|
| $29.00 | 32.00 | 35.00 | 38.50 | 44.00 | 50.00 | 60.00 |
| 44 in. | 46 in. | 48 in. | 50 in. | 52 in. | 54 in. | 56 in. |
| $72 00 | 85.00 | 100.00 | 115.00 | 135.00 | 155.00 | 175.00 |

## Richardsons' Extra Cast Steel Circular Saws.

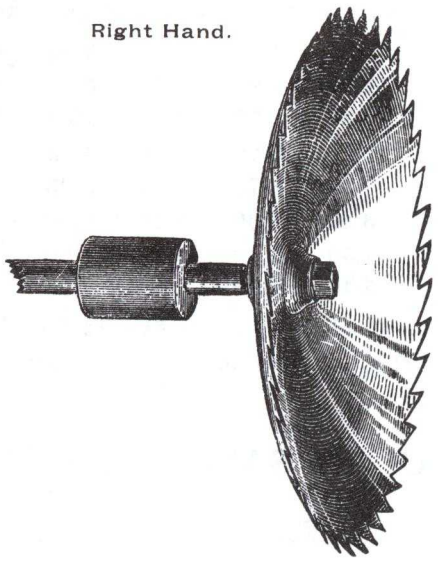


**Patent Tempered and Patent Ground, for Sawing Metal, Ivory, Bone, Pearl and Rubber.**

| Diameter. | Size of hole. | Price each. |
|---|---|---|
| 1 inch | | $ .75 |
| 1½ " | ⅜ inch | .83 |
| 2 " | ⅜ " | .90 |
| 2½ " | ⅜ " | .98 |
| 3 " | ½ " | 1.05 |
| 3½ " | ½ " | 1 20 |
| 4 " | ¾ " | 1 35 |
| 5 " | ¾ " | 1 65 |
| 6 " | ¾ " | 1.95 |
| 7 " | ¾ " | 2.25 |
| 8 inch | ⅞ inch | $2 63 |
| 9 " | ⅞ " | 3 00 |
| 10 " | 1 " | 3 45 |
| 12 " | 1 " | 4.50 |
| 14 " | 1⅛ " | 6.75 |
| 16 " | 1⅛ " | 8 25 |
| 18 " | 1¼ " | 10 50 |
| 20 " | 1 5-16 | 12.75 |
| 22 " | 1 5-16 | 15.00 |

# RICHARDSONS' PATENT OIL TEMPERED AND PATENT GROUND CONCAVE SAWS.

Right Hand.



The attention of the manufacturers of chair or wheelwright lumber, barrels, etc., is respectfully called to Concave Saws, of which we are manufacturing large quantities. They are dished and tempered by an entirely new and patented process, and guaranteed to be of superior quality in every respect. We furnish these Saws considerably cheaper in consequence of our new mode of manufacture.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | inches | 16 | gauge | $2.20 | 5 | cents | extra | for | each | additional gauge. |
| 7 | " | 15 | " | 2.60 | 6 | " | " | " | " | " |
| 8 | " | 15 | " | 3.10 | 8 | " | " | " | " | " |
| 9 | " | 15 | " | 3.60 | 10 | " | " | " | " | " |
| 10 | " | 14 | " | 4.50 | 13 | " | " | " | " | " |
| 12 | " | 14 | " | 5.90 | 17 | " | " | " | " | " |
| 14 | " | 13 | " | 7.20 | 21 | " | " | " | " | " |
| 16 | " | 13 | " | 9.00 | 25 | " | " | " | " | " |
| 18 | " | 12 | " | 10.75 | 30 | " | " | " | " | " |
| 20 | " | 12 | " | 13.50 | 35 | " | " | " | " | " |

All Saws concaved to a smaller circle than 16 inches, extra price.

## EXTRA SIZES MADE TO ORDER.

When ordering Concave Saws give circle to be dished to; also which side is to be dished or concaved, right or left hand, Saw running towards you.

SEE CUT.

## GROOVING SAWS.

| Thickness..... | $\frac{1}{8}$ in. | $\frac{3}{16}$ in. | $\frac{1}{4}$ in. | $\frac{5}{16}$ in. | $\frac{3}{8}$ in. | $\frac{7}{16}$ in. | $\frac{1}{2}$ in. |
|---|---|---|---|---|---|---|---|
| Diameter, 4 inches, | $1.20 | $1.40 | $1.60 | $2.50 | $3.50 | $4.50 | $5.50 |
| " 5 " | 1.55 | 1.75 | 2.10 | 3.00 | 4.00 | 5.00 | 6.00 |
| " 6 " | 1.90 | 2.20 | 2.70 | 3.50 | 4.50 | 5.50 | 6.50 |
| " 7 " | 2.30 | 2.70 | 3.30 | 4.00 | 5.00 | 6.00 | 7.00 |
| " 8 " | 2.70 | 3.20 | 3.90 | 4.75 | 5.75 | 6.75 | 7.75 |
| " 9 " | 3.30 | 3.75 | 4.50 | 5.25 | 6.25 | 7.25 | 8.25 |
| " 10 " | 3.90 | 4.50 | 5.10 | 6.00 | 7.00 | 8.00 | 9.00 |
| " 11 " | 4.50 | 5.10 | 5.70 | 6.50 | 7.50 | 8.50 | 9.50 |
| " 12 " | 5.16 | 5.70 | 6.25 | 7.50 | 8.50 | 9.50 | 10.50 |
| Space of teeth..... | $\frac{1}{2}$ in. | 1 in. | 1 in. | $1\frac{1}{4}$ in. | $1\frac{1}{2}$ in. | $1\frac{3}{4}$ in. | 2 in. |

Saws with less space or spec teeth, extra price.

## CIRCULAR SAWS FOR SLATE.

| Diameter. | Gauge. | Price each. | Extra for each gauge heavier. | Diameter. | Gauge. | Price each. | Extra for each gauge heavier. |
|---|---|---|---|---|---|---|---|
| 14 inches, | 10 | $4.25 | $ .14 | 28 inches, | 5 | $14.25 | $ .53 |
| 16 " | 10 | 5.25 | .17 | 30 " | 5 | 16.00 | .60 |
| 18 " | 9 | 6.75 | .20 | 32 " | 5 | 17.75 | .67 |
| 20 " | 8 | 7.75 | .23 | 34 " | 5 | 19.50 | .80 |
| 22 " | 7 | 9.50 | .30 | 36 " | 4 | 22.50 | .93 |
| 24 " | 6 | 11.00 | .37 | 38 " | 4 | 25.50 | 1.17 |
| 26 " | 6 | 12.50 | .43 | 40 " | 4 | 30.00 | 1.33 |

No extra charge for Saws one gauge heavier than above list.
We also make Circular Saws with inserted teeth for cutting slate.

## Circular Saws, or Discs, for Cutting Hot or Cold Iron.

| Diameter. | Thickness. | Price. | Diameter. | Thickness. | Price. |
|---|---|---|---|---|---|
| 14 inches, | 10 gauge, | $4.00 | 34 inches, | 5 gauge, | $18.50 |
| 16 " | 10 " | 5.00 | 36 " | 5 " | 20.50 |
| 18 " | 8 " | 6.50 | 38 " | 4 " | 24.00 |
| 20 " | 8 " | 7.50 | 40 " | 3 " | 29.50 |
| 22 " | 7 " | 9.00 | 42 " | 3 " | 35.00 |
| 24 " | 7 " | 10.50 | 44 " | 3 " | 41.00 |
| 26 " | 7 " | 12.00 | 46 " | 3 " | 50.00 |
| 28 " | 6 " | 13.50 | 48 " | 3 " | 60.00 |
| 30 " | 6 " | 15.50 | 50 " | 3 " | 70.00 |
| 32 " | 6 " | 17.00 | | | |

# Rates for Repairing Long Saws.

| MILL SAWS. | Each. | MULAY SAWS. | Each. |
|---|---|---|---|
| Gumming and Hammering.. | $1.00 | Gumming and Hammering.. | $1.25 |
| Hammering..... | .75 | Hammering..... | 1.00 |
| Setting and Sharpening..... | 1.00 | Setting and Sharpening..... | 1.00 |

**CROSS-CUT SAWS.**

| | |
|---|---|
| Gumming and Hammering..... | 15 cents per foot. |
| Hammering..... | 10 " " |
| Setting and Sharpening..... | 10 " " |

N. B.—Breakage in repairing at the owner's risk.
In sending us Saws to be repaired mark on them plainly who from, so they can be identified on arrival.

# Rates for Repairing Circular Saws.

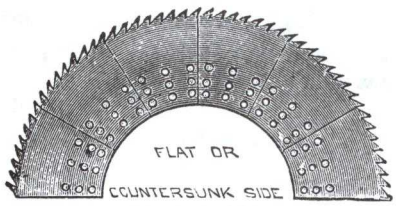
| Diameter. | Hammering. | Gumming and Hammering. | Cutting down, Re-toothing and Hammering. | First Gauge Grinding. | Grinding each additional gauge after the first. | Setting and Sharp'ing. |
|---|---|---|---|---|---|---|
| 4 | $ .20 | $ .40 | $ .50 | $ .35 | $ .18 | $ .35 |
| 6 | .30 | .50 | .60 | .40 | .21 | .45 |
| 8 | .40 | .65 | .75 | .50 | .25 | .55 |
| 10 | .50 | .80 | .85 | .60 | .35 | .65 |
| 12 | .60 | .90 | 1.00 | .70 | .45 | .75 |
| 14 | .70 | 1.00 | 1.25 | .90 | .60 | .85 |
| 16 | .80 | 1.20 | 1.45 | 1.10 | .70 | .95 |
| 18 | .95 | 1.40 | 1.70 | 1.30 | .80 | 1.05 |
| 20 | 1.10 | 1.65 | 1.95 | 1.45 | .90 | 1.15 |
| 22 | 1.25 | 1.90 | 2.15 | 1.65 | 1.00 | 1.30 |
| 24 | 1.40 | 2.15 | 2.35 | 1.80 | 1.12 | 1.45 |
| 26 | 1.60 | 2.40 | 2 70 | 2.00 | 1.25 | 1.60 |
| 28 | 1.80 | 2.70 | 3.05 | 2.25 | 1.35 | 1.75 |
| 30 | 2.00 | 3.00 | 3.45 | 2.55 | 1.45 | 1.95 |
| 32 | 2.20 | 3.30 | 4.00 | 2.80 | 1.55 | 2.05 |
| 34 | 2.45 | 3.70 | 4.60 | 3.10 | 1.70 | 2.35 |
| 36 | 2.75 | 4.10 | 5.10 | 3 35 | 1.85 | 2 55 |
| 38 | 3.30 | 5.00 | 6.40 | 3 65 | 2.00 | 2.75 |
| 40 | 3.80 | 6.00 | 7.75 | 3.80 | 2.20 | 2.95 |
| 42 | 4.40 | 7.00 | 9.00 | 4.00 | 2.40 | 3.15 |
| 44 | 5.00 | 7.85 | 9.80 | 4.30 | 2.70 | 3.35 |
| 46 | 5.50 | 8 50 | 10.60 | 4.70 | 3.00 | 3.60 |
| 48 | 6.00 | 9.00 | 11.25 | 5.10 | 3.35 | 3.80 |
| 50 | 6.50 | 9.75 | 12.20 | 5.50 | 3.60 | 4.10 |
| 52 | 7.10 | 10.70 | 13.35 | 6.00 | 4.00 | 4.40 |
| 54 | 7.60 | 11.75 | 14.70 | 6.75 | 4.30 | 4.70 |
| 56 | 8.20 | 12.95 | 16.20 | 7.40 | 4.60 | 5.00 |
| 58 | 9.00 | 13.95 | 17.40 | 8.05 | 4.85 | 5.30 |
| 60 | 9.80 | 14.95 | 18.60 | 8.90 | 5.25 | 5.60 |
| 62 | 10.60 | 16.00 | 20.00 | 9.70 | 5.65 | 6.00 |
| 64 | 11.50 | 17.10 | 21.30 | 10.50 | 6.05 | 6.30 |
| 66 | 12.30 | 18.20 | 22.60 | 11.35 | 6.45 | 6.60 |
| 68 | 13.10 | 19.70 | 24.00 | 12.10 | 7.00 | 6.90 |
| 70 | 14.00 | 21.25 | 25.50 | 12.95 | 7.55 | 7.20 |

When the Saw is ground add to price for grinding the price of hammering, as in first column; when ground and gummed add to price of grinding the price of gumming and hammering, as in second column.

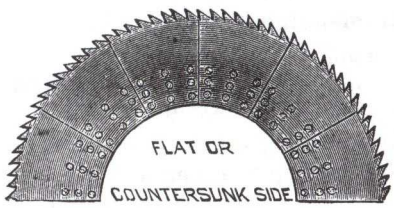
In sending us Saws to be repaired mark on them plainly who from, so they can be indentified on arrival.

## Veneering and Segar Box Saws in Segments.

**Patent Tempered and Patent Ground.**



LEFT HAND.



RIGHT HAND.

## Extra Cast Steel Re-Slitting and Slabbing Saws in Segments.

**Patent Tempered and Patent Ground.**

In ordering new plates, re-sawing, state the maker's name on machine, the number of plates in the saw, also diameter of saw when new, also the gauge or thickness you want plates ground to at tooth. We have all sizes of patterns for the different makes of machines, but it is well to send an old plate if you have one.

When ordering Segments give gauge or thickness at butt, gauge or thickness at edge, depth of bevel, diameter of Saw that Segments are to form, number of Segments in Saw, depth of Segments, number of teeth in each Segment, sample of screw by which to drill and countersink flat or countersunk side, and direction in which teeth run (see engraving).

In ordering for a flange that has been drilled send a sheet iron or tin templet, or a correct tracing showing holes and other particulars, or one of the old Segments, giving the depth they originally were.

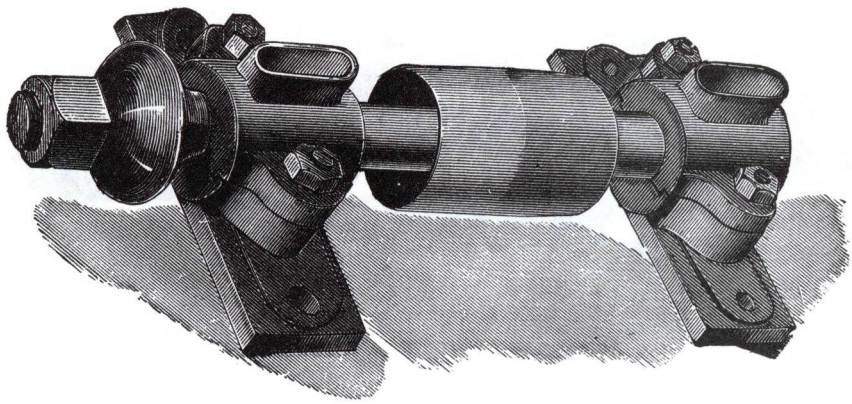
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 12 | inches | deep, | No. | 5 | gauge, | per foot | in diameter | of Saw | $17.00 |
| 12 | " | " | " | 6 | " | " | " | " | 16.25 |
| 12 | " | " | " | 7 | " | " | " | " | 15.50 |
| 12 | " | " | " | 8 | " | " | " | " | 14.50 |
| 12 | " | " | " | 9 | " | " | " | " | 14.00 |
| 12 | " | " | " | 10 | " | " | " | " | 13.50 |

Add 5 per cent. for each additional inch in depth.
Deduct 5 per cent. for each inch under 12 inches in depth.

# CIRCULAR SAW MANDRELS,

## With Pulley in Centre,

## OF THE LATEST AND MOST APPROVED STYLES.



| | Diameter of Pulley. | Face of Pulley. | Diameter of Flange. | Length of Shaft. | Diameter of Shaft. | Size of Hole in Saw. | Price Each. |
|---|---|---|---|---|---|---|---|
| No. 1, | 2½ in. | 3½ in. | 2½ in. | 14 in. | 1 1/16 in. | 1 in. | $7.00 |
| " 2, | 3 " | 4 " | 3 " | 16 " | 1 3/16 " | 1 1/8 " | 8.00 |
| " 3, | 3½ " | 4½ " | 3½ " | 18 " | 1 5/16 " | 1¼ " | 8.50 |
| " 4, | 4 " | 5 " | 4 " | 20 " | 1 7/16 " | 1 5/16 " | 9.75 |
| " 5, | 4½ " | 5½ " | 4½ " | 22 " | 1 7/16 " | 1 5/16 " | 11.00 |
| " 6, | 5 " | 6 " | 5 " | 24 " | 1 7/16 " | 1⅜ " | 12.50 |
| " 7, | 5½ " | 6½ " | 5½ " | 26 " | 1 7/16 " | 1⅜ " | 13.75 |
| " 8, | 6 " | 7 " | 6 " | 28 " | 1 9/16 " | 1½ " | 15.50 |
| " 9, | 7 " | 8 " | 6 " | 32 " | 1 11/16 " | 1⅝ " | 21.50 |
| " 10, | 8 " | 8 " | 6 " | 36 " | 1 13/16 " | 1⅝ " | 25.75 |

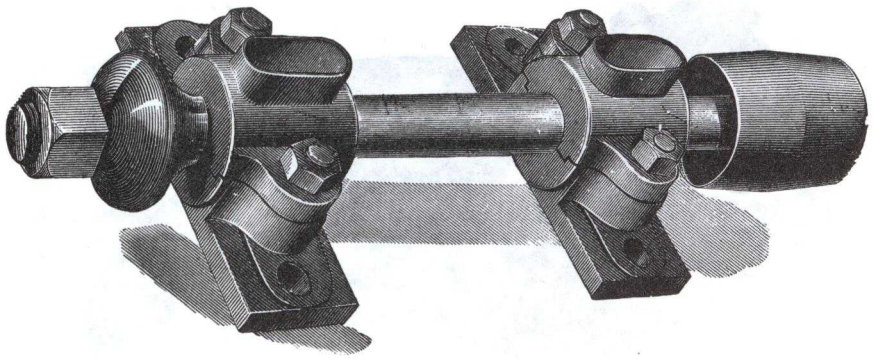
The above are standard sizes. Special sizes made to order. Mandrels for gangs of saws, with separating collars, for dovetailing box corners, made to order. Also Mandrels and gangs of saws for making wood pulp, and for other purposes, made to order.

When ordering Saw Mandrels send sketch, and give distance from saw to end of Mandrel, if the pulley is between the bearings. If the pulley is on end of Mandrel, give distance from saw to inside edge of pulley.

# CIRCULAR SAW MANDRELS,

With Pulley on End,

## OF THE LATEST AND MOST APPROVED STYLE.



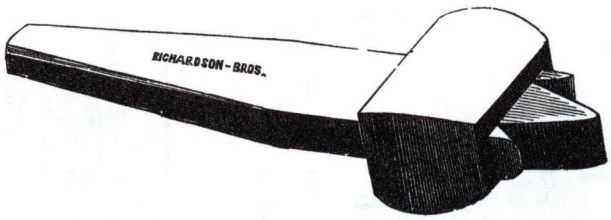
| | Diameter of Pulley. | Face of Pulley. | Diameter of Flange. | Length of Shaft. | Diameter of Shaft. | Size of Hole in Saw. | Price Each. |
|---|---|---|---|---|---|---|---|
| No. 1, | 2½ in. | 3½ in. | 2½ in. | 16½ in. | 1 1/16 in. | 1 in. | $7.70 |
| " 2, | 3 " | 4 " | 3 " | 19 " | 1 3/16 " | 1 1/8 " | 8.50 |
| " 3, | 3½ " | 4½ " | 3½ " | 21½ " | 1 5/16 " | 1¼ " | 9.00 |
| " 4, | 4 " | 5 " | 4 " | 24 " | 1 7/16 " | 1 5/16 " | 10.75 |
| " 5, | 4½ " | 5½ " | 4½ " | 26 " | 1 7/16 " | 1 5/16 " | 12.00 |
| " 6, | 5 " | 6 " | 5 " | 28 " | 1 7/16 " | 1⅜ " | 13.75 |
| " 7, | 5½ " | 6½ " | 5½ " | 30½ " | 1 7/16 " | 1⅜ " | 15.00 |
| " 8, | 6 " | 7 " | 6 " | 32½ " | 1 9/16 " | 1½ " | 17.00 |
| " 9, | 7 " | 8 " | 6 " | 37 " | 1 11/16 " | 1⅝ " | 23.50 |
| " 10, | 8 " | 8 " | 6 " | 41 " | 1 13/16 " | 1⅝ " | 28.00 |

LARGER SIZES MADE TO ORDER.

When ordering Saw Mandrels send sketch, and give distance from Saw to end of Mandrel if the pulley is between the bearings. If the pulley is on the end of Mandrel, give distance from Saw to inside edge of pulley. Also whether the pulley is on the right or left-hand side of Mandrel when Saw is running towards you.

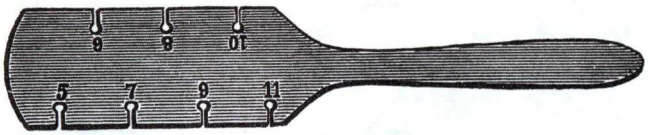
Our Mandrels are made with pulley on right-hand side, with left-hand thread, unless otherwise ordered.

## UP SETS, SWAGES, ETC.




| | | |
|---|---|---|
| No. 1. Improved Large Double Swage | $3.00 | each. |
| " 2. " Small " " | 2.50 | " |
| " 3. " Single Swage | 2.00 | " |
| Side File or Tool for regulating Set. | 1.50 | " |

## BEST CAST STEEL SAW SET.

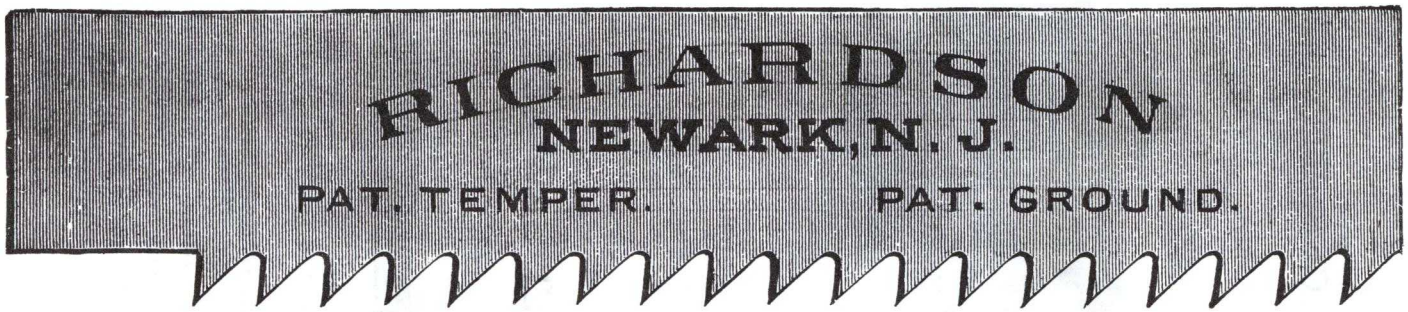



**For Bending the Points of Saw Teeth.**

| | | |
|---|---|---|
| Large Size | $3.50 | each. |
| Small " | 2.00 | " |

RICHARDSONS' CELEBRATED WARRANTED EXTRA CAST STEEL

## Patent Oil Tempered and Patent Ground Mulay and Mill Saws.




### Richardsons' No. 1 Warranted Patent Oil Tempered and Patent Ground Mulay Saws.

| Gauge | 4 | 5 | 6 | 7 | 8 | 9 | |
|---|---|---|---|---|---|---|---|
| 10 inches wide | $3.15 | $3.00 | $2.75 | $2.40 | $2.20 | $1.90 | per foot. |
| 11 " " | 3.50 | 3.30 | 3.00 | 2.75 | 2.40 | 2.20 | " |
| 12 " " | 3.85 | 3.50 | 3.30 | 3.00 | 2.75 | 2.40 | " |

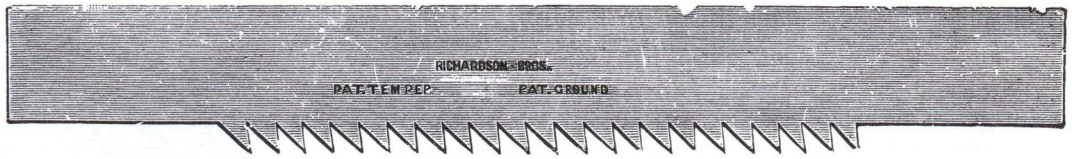
### Richardsons' No. 1 Warranted Patent Oil Tempered and Patent Ground Mill Saws.

No. 5 Gauge, $2.20 per foot ; No. 6, $2.10 ; No. 7, $1.90 ; No. 8, $1.75 ; No. 9, $1.65 ; No. 10, $1.55.

When ordering Mill or Mulay Saws give length and width of Saw, also thickness by gauge, space or distance of tooth from point to point, and distance from top of Saw to first tooth ; also distance from bottom of Saw to last tooth.

RICHARDSONS' CELEBRATED WARRANTED EXTRA CAST STEEL

## Patent Oil Tempered and Patent Ground Gang Saws.




| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nos. | 10 | and | 11 | gauge, | 8 | inches | wide, | $1.20 | per foot. | | 9 | inches | wide, | $1.30 | per foot. | | 10 | inches | wide, | $1.45 | per foot. |
| " | 12 | " | 13 | " | 8 | " | " | 1.20 | " | | 9 | " | " | 1.30 | " | | 10 | " | " | 1.45 | " |
| " | 14 | " | 15 | " | 8 | " | " | 1.15 | " | | 9 | " | " | 1.25 | " | | 10 | " | " | 1.40 | " |
| " | 13 | " | 14 | " | 7 | " | " | 1.10 | " | | | | | | | | | | | | |
| " | 15 | " | 16 | " | 7 | " | " | 1.05 | " | | | | | | | | | | | | |
| " | 13 | " | 14 | " | 6 | " | " | 1.00 | " | | | | | | | | | | | | |
| " | 15 | " | 16 | " | 6 | " | " | .95 | " | | | | | | | | | | | | |

All Gang Saws made narrower at ends than in centre, as shown above, unless otherwise specified.

Tabbing with either solid bent tab or two plate tab, Four hole tab, $ .40 per Saw NET.
" " " " " " " " " " Five " " .50 " "
" " " " " " " " " " Six " " .60 " "
" " round solid tab..... .50 " "

If Swaged, 5 cents per foot added to List.

If Swaged ready for use, 10 cents per foot added to List.

Black Gang Saws 10 cents per foot less List.

Extra width, extra price. When ordering Gang Saws give length and width of Saw; also thickness by gauge, space of tooth from point to point, and distance from top of Saw to first tooth, and distance from bottom of Saw to last tooth.

RICHARDSONS' CELEBRATED WARRANTED EXTRA CAST STEEL

## Patent Oil Tempered and Patent Ground Butting or Drag Saws.

To Cut One Way.

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tapered | 10 in. butt, | 8 in. point, | No. 8 gauge, | $1.60 per foot. | | Tapered | 8 in. butt, | 6 in. point, | No. 10 gauge, | $1.25 per foot. |
| " | 10 " | 8 " | " 9 " | 1.55 " | | " | 8 " | 6 " | " 11 " | 1.20 " |
| " | 9 " | 7 " | " 8 " | 1.50 " | | " | 7 " | 5 " | " 10 " | 1.15 " |
| " | 9 " | 7 " | " 9 " | 1.45 " | | " | 7 " | 5 " | " 11 " | 1.10 " |

No extra charge for patent or improved teeth. In ordering Drag Saws state whether Mill or Cross-Cut Teeth are wanted. If set and sharpened, extra price.

### DRAG SAW.—Equal Width Full Length of Saw.

| | | | | |
|---|---|---|---|---|
| 8 inches wide, | 10 gauge | ..... | $1.45 | per foot. |
| 9 " " | 10 " | ..... | 1.55 | " |
| 10 " " | 10 " | ..... | 1.75 | " |
| 12 " " | 10 " | ..... | 2.00 | " |

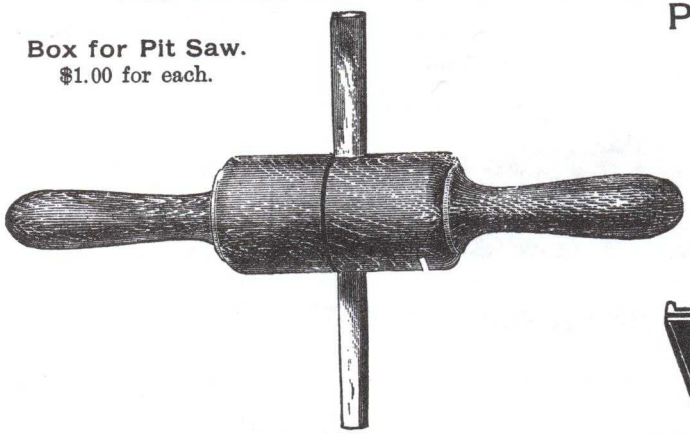
For Saws over 7 feet in length take Diamond Tooth list. State whether Mill or Cross-Cut Teeth are wanted.

## Richardsons' Patent Oil Tempered and Patent Ground Whip Saws.

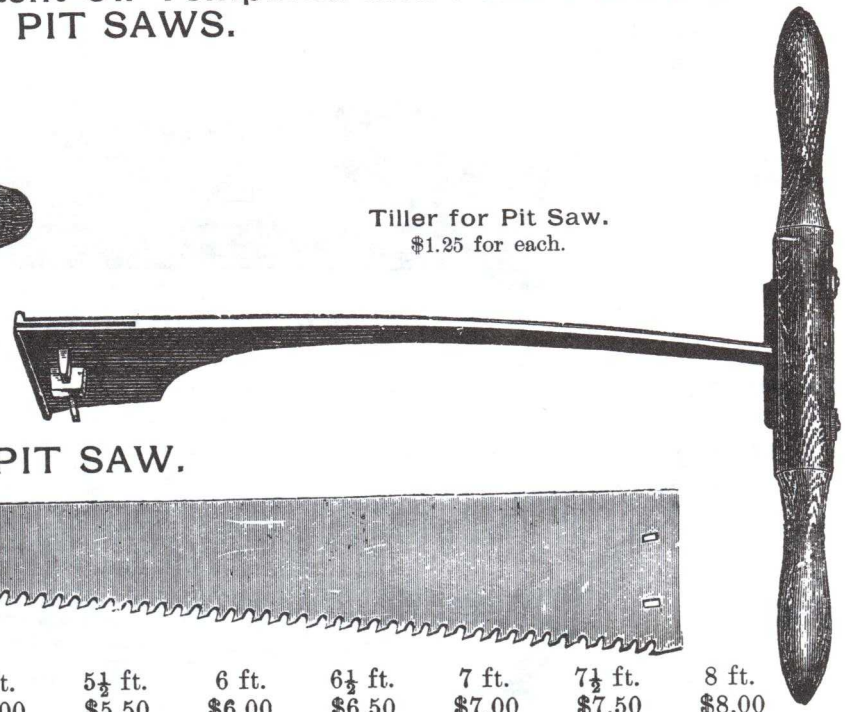
| 5 | 5½ | 6 | 6½ | 7 | 7½ feet. |
|---|---|---|---|---|---|
| $3.00 | $3.30 | $3.60 | $3.90 | $4.20 | $4.50 each. |

# Richardsons' Warranted Patent Oil Tempered and Patent Ground PIT SAWS.

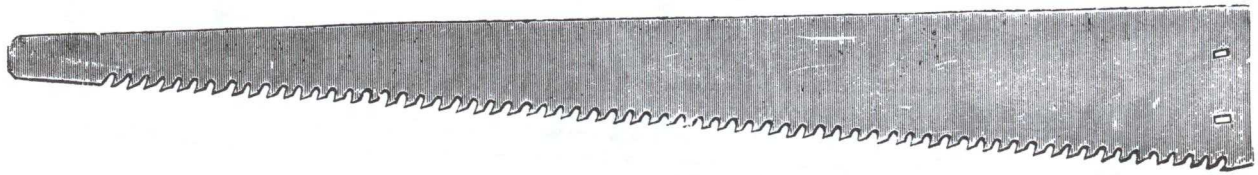
**Box for Pit Saw.**
$1.00 for each.



**Tiller for Pit Saw.**
$1.25 for each.



## PIT SAW.



| Length | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|
| Price | $5.00 | $5.50 | $6.00 | $6.50 | $7.00 | $7.50 | $8.00 |

## FUTTOCK SAW.

Futtock Saws, assorted from 1½ to 3½ inches wide, 8½ cents per inch in length.

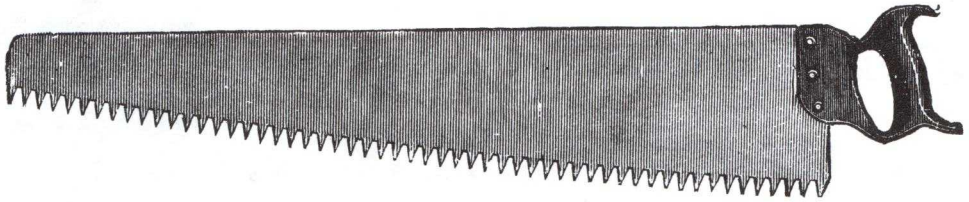
## Extra Cast Steel Ice Saws, Warranted Extra Tempered.

## POND ICE SAWS.

Set and Sharpened.

| | |
|---|---|
| Without Handles, 8x6, 10 gauge | $1.00 per foot. |
| " " 7x5, 10 " | .90 " |
| Handles | 1.25 each. |

## Ice Saws, With Iron Handle.



| 24 in. | 26 in. | 28 in. | 30 in. |
|---|---|---|---|
| $22.00 | $23.00 | $24.00 | $25.00 per dozen. |

Ice Saws with Beech Handles same price as above.

## Richardsons' Patent Oil Tempered and Patent Ground Cross-Cut Saws.

**Plain Tooth.** No. 1. Four gauges thinner on back than on teeth,

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.32 | 2.61 | 2.90 | 3.19 | 3.48 | 3.77 | 4.06 | 4.35 | 4.64 each. |

**Plain Tooth.** No. 2. Two gauges thinner on back than on teeth,

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2 16 | 2.43 | 2.70 | 2.97 | 3.24 | 3.51 | 3.78 | 4.05 | 4.32 each. |

**Champion Tooth.** No. 1. Four gauges thinner on back than on teeth (14x18 gauge),

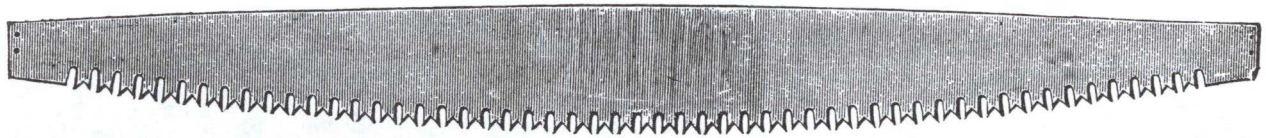
| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.32 | 2.61 | 2.90 | 3 19 | 3.48 | 3.77 | 4.06 | 4.35 | 4.64 each. |

**Champion Tooth.** No. 2. Two gauges thinner on back than on teeth (14x16 gauge),

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.16 | 2.43 | 2.70 | 2.97 | 3 24 | 3.51 | 3.78 | 4.05 | 4.32 each. |

## NARROW CROSS-CUT SAWS, WITHOUT HANDLES.

| | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|---|
| **Champion Tooth** | $1.44 | 1.62 | 1.80 | 1.98 | 2.16 | 2.34 | 2.52 | 2.70 | 2.88 each. |
| **Diamond and Special Teeth** | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
| | $1.52 | 1.71 | 1.90 | 2.09 | 2.28 | 2.47 | 2.66 | 2.85 | 3.04 each. |



| **Lightning Tooth.** Four gauges thinner on back than on teeth, | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|---|
| | $2.56 | 2.88 | 3 20 | 3.52 | 3 84 | 4.16 | 4.48 | 4.80 | 5.12 each. |

| **Diamond Tooth.** Four gauges thinner on back than on teeth, | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|---|
| | $2.56 | 2.88 | 3.20 | 3.52 | 3.84 | 4.16 | 4.48 | 4.80 | 5.12 each. |

| **Electric Tooth.** Four gauges thinner on back than on teeth, | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|---|
| | $2.56 | 2 88 | 3.20 | 3.52 | 3.84 | 4.16 | 4 48 | 4.80 | 5.12 each. |

## TUTTLE TOOTH.

No. 1. Four gauges thinner on back than on teeth.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.56 | $2.88 | $3.20 | $3.52 | $3.84 | $4.16 | $4.48 | $4.80 | $5.12 each. |

No. 2. Two gauges thinner on back than on teeth.

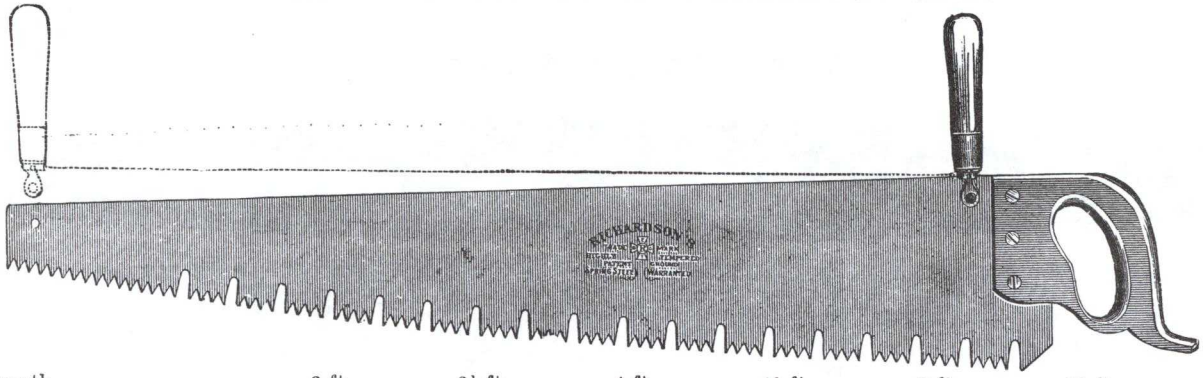
| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.40 | $2.70 | $3.00 | $3.30 | $3.60 | $3.90 | $4.20 | $4.50 | $4.80 each. |

## THREE POINT DIAMOND TOOTH.

Four gauges thinner on back than on teeth.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.56 | $2.88 | $3.20 | $3.52 | $3.84 | $4.16 | $4.48 | $4.80 | $5.12 each. |

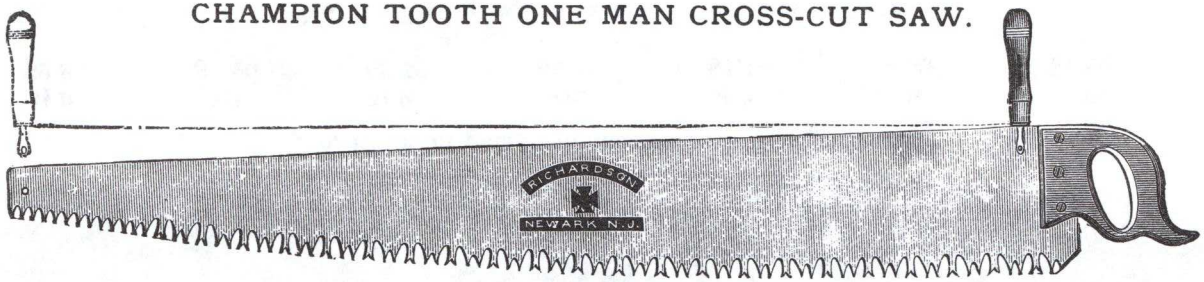
## AMERICAN TOOTH ONE MAN CROSS-CUT SAW.




| Length | 3 ft. | 3½ ft. | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. |
|---|---|---|---|---|---|---|---|
| Price | $2.55 | $2.75 | $3.25 | $3.65 | $4.10 | $4.55 | $5.00 each. |

Lightning Tooth same price as American.

## CHAMPION TOOTH ONE MAN CROSS-CUT SAW.

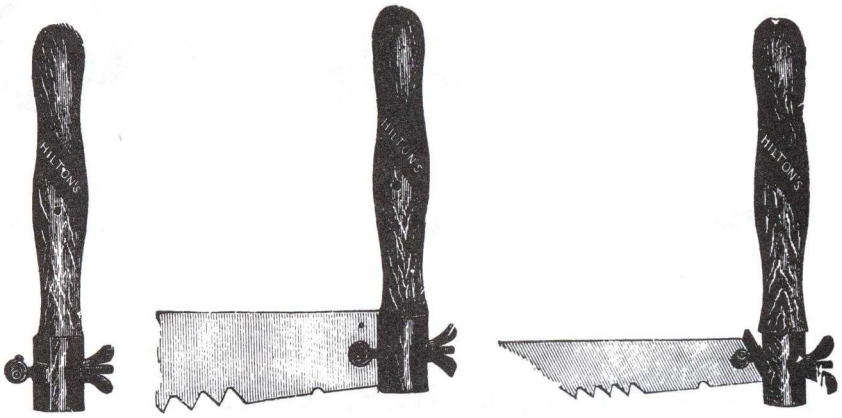



| Length | 3 ft. | 3½ ft. | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. |
|---|---|---|---|---|---|---|---|
| Price | $2.25 | $2.60 | $3.00 | $3.35 | $3.70 | $4.10 | $4.45 each. |

Plain Tuttle and Tenon Tooth same price as Champion.

RICHARDSON BROTHERS'

## Patent Adjustable Cross-Cut Saw Handles.




**Proof that this Handle is Superior to any Handle Made.**

1st.—That it is the only Cross-Cut Handle whereby the Saw can be turned from a Cross-Cut into an Ice Saw.

2d.—That a child can adjust it.

3d.—That it can also be used as a One Man Saw.

4th.—That it can be adjusted or used on any Cross-Cut Saw made.

5th.—That for strength it is equaled by none.

6th.—That for durability it is so simple in construction that there is nothing to get out of order, as is the case with most Cross-Cut Saw Handles heretofore made.

7th.—That every lumberman should have one of these Handles, as they can save time and labor.

8th.—That the cost of this Handle is no higher than any patent Handle now being used.

9th.—Therefore, try and be convinced that this is the only correct cheap time and labor-saving Cross Cut Adjustable Saw Handle made.

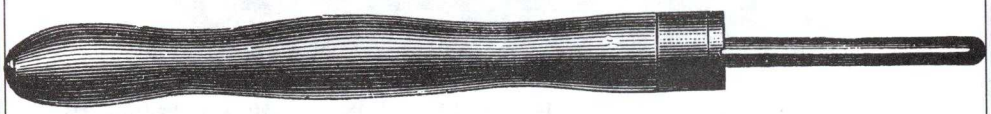
Price, per Pair, 45 cents, Net.

REGULAR **Cross-Cut** **Saw Handle.**

Plain, 10 cents per Pair.

## Loop Cross-Cut Saw Handles.

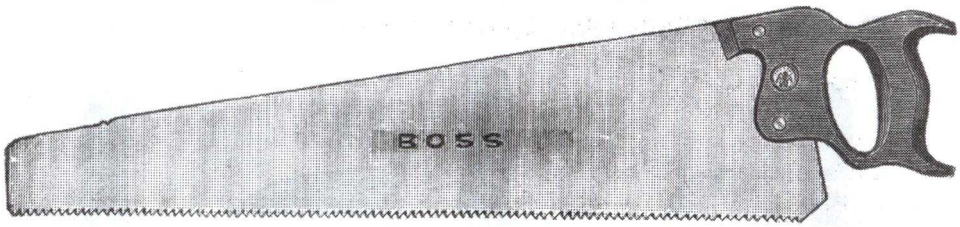
[PATENT APPLIED FOR.]



Price, per Pair, 40 cents, Net.

One Man Cross-Cut Handle..... $4.25 per dozen.
Supplementary Cross-Cut Handle..... 2.25 "

## BOSS HAND SAW.




| 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 |
|---|---|---|---|---|---|---|---|---|
| $5.25 | $5.50 | $5.75 | $6.00 | $6.25 | $6.50 | $6.75 | $7.00 | $7.50 |

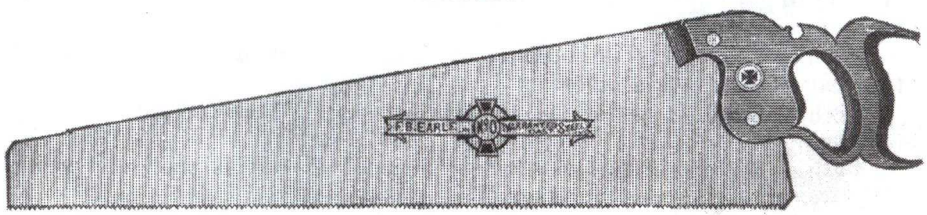
## F. B. EARLE, No. 0.

**Warranted Cast Steel, Patent Ground and Tempered.**

### HAND, PANEL AND RIP SAWS.

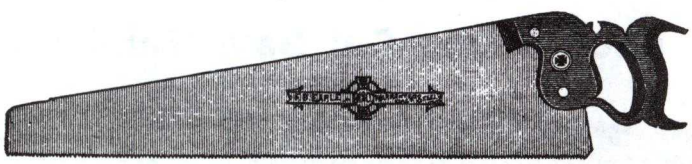
No. 0, F. B. EARLE. Warranted Cast Steel. Beech Handle, Polished Edges, three Brass Screws, one Embossed. Etched.

### HAND.




| | | |
|---|---|---|
| 26 inches | $8.00 | per dozen |
| 28 " | 9.00 | " |
| 30 " | 10.50 | " |

### SHORT PANEL OR PONY.



| Length, inches..... | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|---|---|
| Price, per dozen.... | $4.50 | $5.00 | $5.50 | $6.00 | $6.50 | $7.00 | $7.50 |

One-third dozen in box.

# LANCASTER, No. 1.

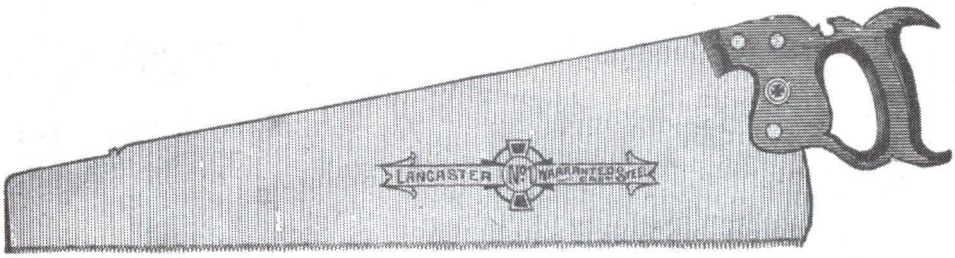
## Warranted Cast Steel, Patent Ground and Tempered.

## HAND, PANEL AND RIP SAWS.

No. 1, LANCASTER. Warranted Cast Steel. Beech Handle, Polished Edges, four Screws, one Embossed.

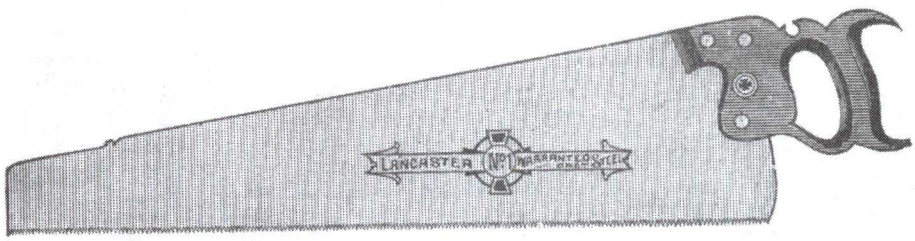
This blade is made of a good quality of steel. Is of a uniform good temper. No better Saw in the market for the price. Etched.

### RIP.



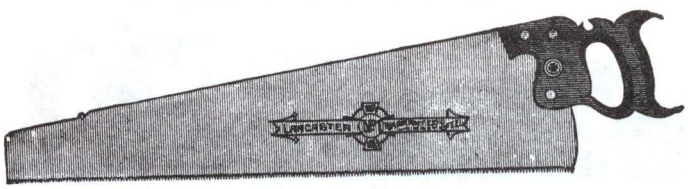

28 inches..... $11.00 per dozen.
30 " ..... 12.00 "

### HAND.




26 inches..... $10.00 per dozen.

### SHORT PANEL OR PONY.




| Length, inches..... | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|---|---|
| Price, per dozen.... | $5.75 | $6.25 | $6.75 | $7.50 | $8.00 | $8.75 | $9.50 |

One-third dozen in box.

# J. H. NOBLE, No. 3.

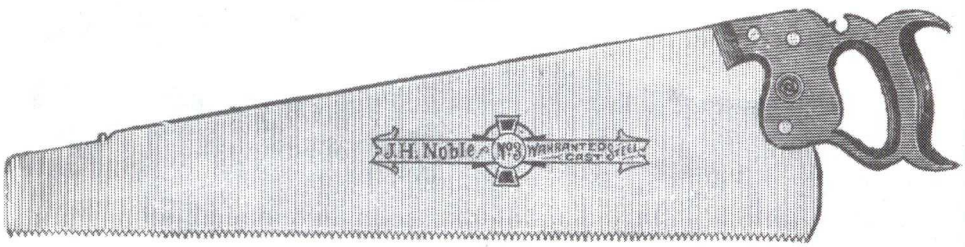
**Warranted Cast Steel, Patent Ground and Tempered.**

## HAND, PANEL AND RIP SAWS.

No. 3, J. H. NOBLE. Warranted Cast Steel.

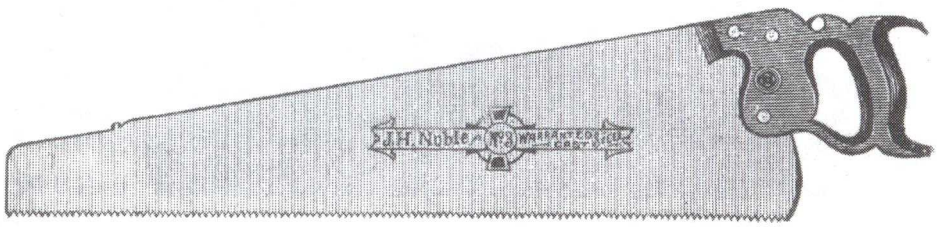
Full Pattern, Rubbed Blade, Neatly Finished Beech Handle, Polished Edges, four Improved Brass Screws, one Embossed. A good, reliable Saw. Etched.

### RIP.




28 inches..... $16.00 per dozen.
30 " ..... 19.00 "

### HAND.




26 inches..... $13.00 per dozen

### SHORT PANEL OR PONY.

| Length, inches, | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|---|---|
| Price, per dozen, | $6.00 | $7.00 | $8.00 | $9.00 | $10.00 | $11.00 | $12.00 |

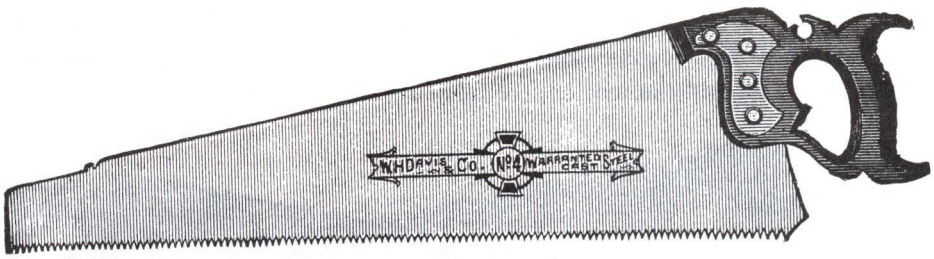
One-third dozen in box.

# W. H. DAVIS & CO., No. 4.

**Warranted Cast Steel, Patent Ground and Tempered.**

## HAND SAWS.

No. 4, W. H. DAVIS & Co. Warranted Cast Steel. Black Walnut Handle. Polished Shield on Handle.




26 inches..... $13.00 per dozen.

One-third dozen in box.

### COMBINATION SAW, No. 1.

No. 1, Combination. Warranted Cast Steel. Beech Handle. Polished Edges, four Brass Screws, Etched, with 24-inch Square and Double Rule. Straight Edge and Scratch Awl in Handle. Wide Blade.

26 inches..... $11.00 per dozen.

### COMBINATION SAW, No. 2.

No. 2, Combination. A very complete and useful Saw. Beech Handle, Polished Edges, four Brass Screws, Etched, with 24-inch Square and Rule, Straight Edge.

26 inches..... $8.00 per dozen.

# RICHARDSON BROS., No. 7.

**Warranted Cast Steel, Patent Ground and Tempered.**

## HAND, PANEL AND RIP SAWS.

No. 7, RICHARDSON BROS. Cast Steel, Warranted.

Beech Handle, Polished Edges, four Improved Brass Screws, one Embossed. Fine Rubbed Blade. Warranted fully equal to any American or English Saw in the market. Etched and Warranted.

### RIP.

| Length, inches ..... | 28 | 30 | 32 | 34 | 36 |
|---|---|---|---|---|---|
| Price, per dozen .... | $23.50 | $27.00 | $30.50 | $34.50 | $39.00 |

### HAND.

26 inches..... $20.00 per dozen.

### SHORT PANEL OR PONY.

| Length, inches..... | 14 | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|---|
| Price, per dozen.... | $12.00 | $13.00 | $14.00 | $16.00 | $18.00 | $19.00 |

One-third dozen in box.

# RICHARDSON BROS., No. 8.

## Warranted Spring Steel, Patent Ground and Tempered.

## HAND, PANEL AND RIP SAWS.

No. 8, RICHARDSON BROS. Spring Steel, Warranted.

Apple Handle, Polished Edges, four Improved Brass Screws, one Embossed, Grained Blade. Warranted fully equal to any Saw made. Etched and Warranted.

### RIP.

28 inches..... $24.00 per dozen.
30 " ..... 28.00 "

### HAND.

26 inches..... $21.00 per dozen.

### SHORT PANEL OR PONY.

| Length, inches..... | 14 | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|---|
| Price, per dozen.... | $13.00 | $13.50 | $14.50 | $16.50 | $18.50 | $20.00 |

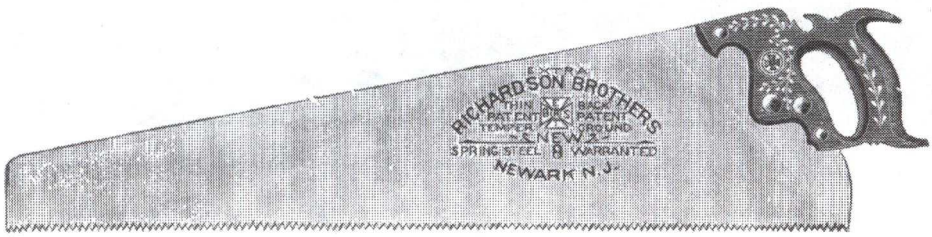
One-third dozen in box.

# RICHARDSON BROS.

**Warranted Patent Ground and Tempered.**

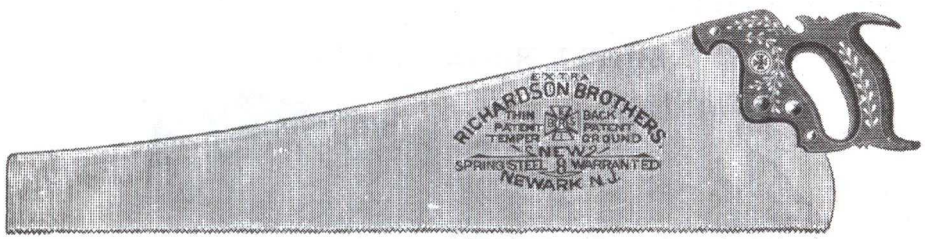
## NEW No. 8, STRAIGHT BACK,

Is designed to fill the want felt for a First-Class Narrower Saw than the ordinary Hand Saw. It also combines our latest improved Close-Up Handles and Screws. Carved Apple Handle, Polished, Etched and Warranted.




| Length, inches, | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $14.50 | 15.00 | 16.50 | 18.00 | 20.00 | 21.50 | 22.50 | 25.00 | 28.00 |

## NEW 8, HOLLOW BACK.




| Length, inches, | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $14.50 | 15.00 | 16.50 | 18.00 | 20.00 | 21.50 | 22.50 | 26.00 | 28.00 |

One-third dozen in box.

# RICHARDSON BROS., R 8 STRAIGHT BACK.

## Warranted Spring Steel, Patent Ground and Tempered.

### HAND, PANEL AND RIP SAWS.

**Our R 8 Hand Saw,** with Applewood Handle, combines the best and most practical improvements yet offered on Saws. We claim the following advantages: In carrying the Handle of the Saw forward on the Blade we bring the user nearer his work, and the weight of the Saw is brought nearer the wrist. This makes the Saw hang light in the hand, and avoids entirely the "heavy-at-point" feeling, so much complained of among carpenters. The shape of this Handle, together with the additional fifth rivet, makes it strong where other Handles break the most.

### RIP.

28 inches..... $25.00 per dozen.
30 " ..... 28.00 "

### HAND.

26 inches..... $22.00 per dozen.

### SHORT PANEL OR PONY.

| Length, inches..... | 14 | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|---|
| Price, per dozen.... | $13.50 | $14.50 | $16.00 | $17.50 | $19.50 | $21.00 |

One-third dozen in box.

# RICHARDSON BROS., R 8 HOLLOW BACK.

## Warranted Spring Steel, Patent Ground and Tempered.

## HAND, PANEL AND RIP SAWS.

**Our R 8 Hollow Back Saw,** with Applewood Handle, combines the best and most practical improvements yet offered on Saws. We claim the following advantages: In carrying the Handle of the Saw forward on the Blade we bring the user nearer his work, and the weight of the Saw is brought nearer the wrist. This makes the Saw hang light in the hand, and avoids entirely the "heavy-at-point" feeling, so much complained of among carpenters. The shape of this Handle, together with the additional fifth rivet, makes it strong where other Handles break the most.

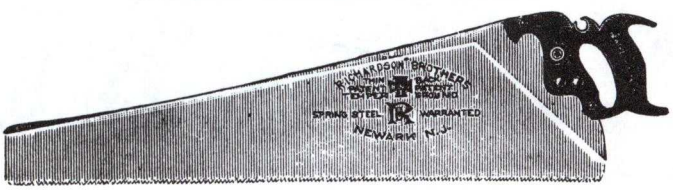
### RIP.

28 inches..... $25.00 per dozen
30 " ..... 28.00 "

### HAND.

26 inches..... $22.00 per dozen.

### SHORT PANEL OR PONY.




| Length, inches..... | 14 | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|---|
| Price, per dozen.... | $13.50 | $14.50 | $16.00 | $17.50 | $19.50 | $21.00 |

One-third dozen in box.

# RICHARDSON BROS., No. 9.

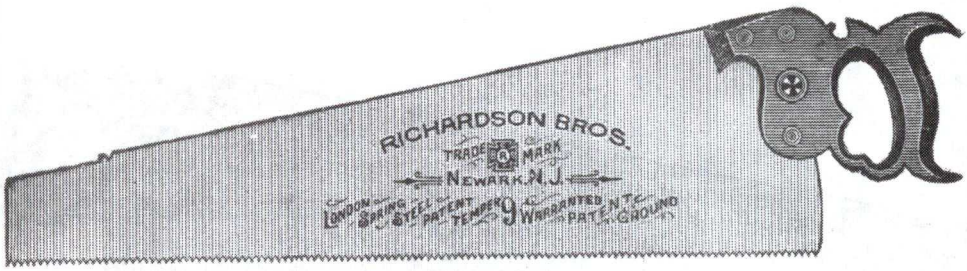
## Warranted Extra London Spring Steel, Pat. Ground and Tempered.

## HAND, PANEL AND RIP SAWS.

No. 9, RICHARDSON BROS. Apple Handle, Polished Edges, four Improved Brass Screws, one Embossed.

Great care is taken in Tempering, Grinding and Finishing this Saw, and it has proved to be fully equal to the best American or English Saw in the market. Etched and Warranted.

### RIP.

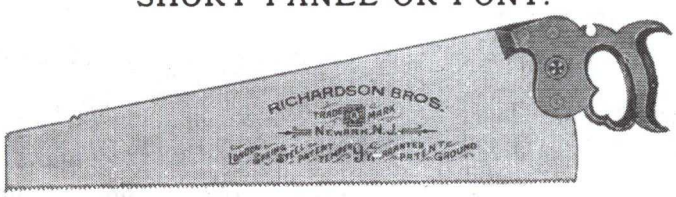



28 inches..... $28.00 per dozen.
30 " ..... 32.00 "

### HAND.

26 inches..... $24.00 per dozen.

### SHORT PANEL OR PONY.




| Length, inches..... | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|
| Price, per dozen.... | $15.50 | $17.00 | $19.00 | $21.00 | $23.00 |

One-third dozen in box.

# NEWARK SAW CO., No. 10.

**Warranted Cast Steel, Patent Ground and Tempered.**

## HAND, PANEL AND RIP SAWS.

No. 10, NEWARK SAW CO. Cast Steel, Warranted. Beech Handle, Polished Edges, Four Brass Screws, Grained Blade, Full Pattern.

Warranted equal to any Saw not marked Richardson.

### RIP.

28 inches..... $18.00 per dozen.
30 " ..... 21.00 "

### HAND.

26 inches..... $15.00 per dozen.

### SHORT PANEL OR PONY.

| Length, inches..... | 14 | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|---|
| Price, per dozen..... | $8.00 | $9.00 | $10.00 | $11.25 | $12.50 | $14.00 |

One-third dozen in box.

# RICHARDSON BROS., No. 12.

**Warranted Double Refined London Spring Steel, Patent Ground and Tempered.**

## HAND, PANEL AND RIP SAWS.

No. 12, RICHARDSON BROS. Double Refined London Spring Steel. Carved Handle, Silver Plated Screws. Etched and Warranted.

### RIP.

28 inches..... $34.00 per dozen.
30 " ..... 39.00 "

### HAND.

26 inches..... $30.00 per dozen.

### SHORT PANEL OR PONY.

| Length, inches..... | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|
| Price, per dozen.... | $20.00 | $22.00 | $24.00 | $26.00 | $28.00 |

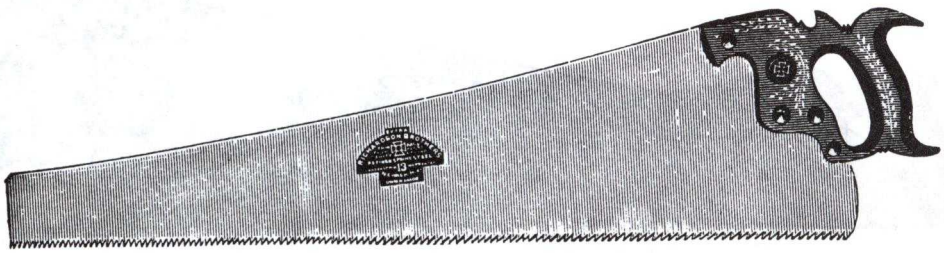
One-third dozen in box.

# RICHARDSON BROS.

**Warranted Patent Ground and Tempered.**

## No. 13, HOLLOW BACK.

No. 13.—Extra Refined Spring Steel, London Spring, Warranted. Carved and Polished Apple Handle. Highly Polished Blade, Hollow Back, and Improved Handle and Screws.



| Length, inches, | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $23.00 | 25.00 | 27.00 | 29.00 | 31.00 | 33.00 | 38.00 | 43.00 |

## No. 18, STRAIGHT BACK.

No. 18 is also a new Saw, with our Improved Close-up Handle. Polished Blade, Polished Apple Handle, C. S. London Spring. Etched and Warranted. This is a narrower Saw than the regular width.

| Length, inches, | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $14.50 | 15.00 | 16.50 | 18.00 | 20.00 | 21.50 | 22.50 | 25.00 | 28.00 |

One-third dozen in box.

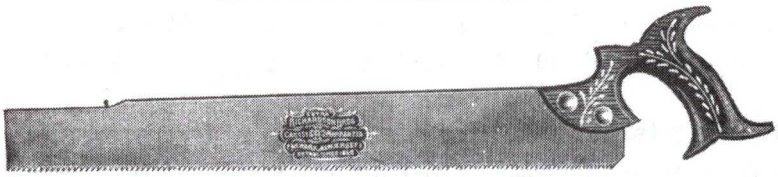
# RICHARDSON BROS.

**Warranted Extra Spring Steel, Patent Ground and Tempered.**

## Ship Carpenters' Hand and Rip Saws.

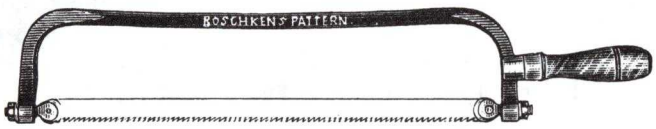
Apple Handle, 24 inches, $19.00 per dozen. 26 inches, $21.00 per dozen.
Beech " 24 " 18.00 " 26 " 20.00 "

## Joiner or Bench Saw.



Per dozen... ... ..... $15.00

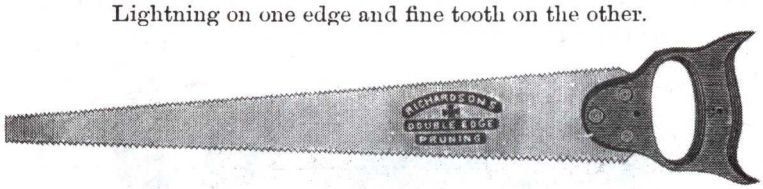
## Boschken Pruning Saw.




Per dozen..... $30.00

## Richardsons' Double Edge Pruning Saws.

Lightning on one edge and fine tooth on the other.




Made from finest Steel. Set and filed ready for use.

| Length, inches.... | 12 | 14 | 16 | 18 | 20 | 22 |
|---|---|---|---|---|---|---|
| Price, per dozen... | $8.50 | $9.00 | $9.50 | $10.50 | $11.50 | $12.50 |

## Newark Saw Co. Pruning Saws. D. E.

| Length, inches..... | 12 | 14 | 16 | 18 | 20 | 22 |
|---|---|---|---|---|---|---|
| Price, per dozen..... | $6.00 | $6.50 | $7.00 | $7.75 | $8.50 | $9.50 |

## Richardsons' Pruning Saws. S. E.

Beech Handle, Polished Edges, Three Brass Screws, Heavy Blade, Ground Thin on Back.

| Length, inches..... | 14 | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|---|
| Price, per dozen... | $8.50 | $9.00 | $10.00 | $11.00 | $12.00 | $13.00 |

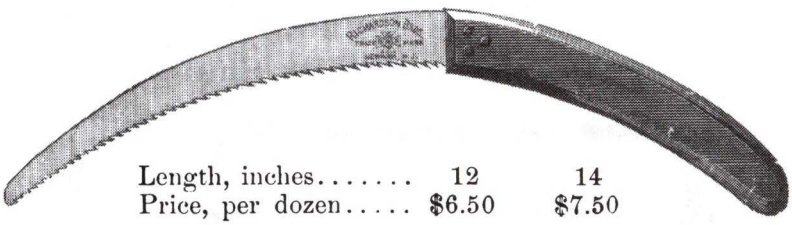
## J. H. Noble's Pruning Saws.

### Cast Steel. Warranted.

| Length, inches.... | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|---|---|
| Price, per dozen.. | $6.00 | $6.50 | $7.25 | $8.25 | $9.00 | $10.00 | $11.00 |

## Richardsons' California Pattern Pruning Saw.

Made from the finest Steel. Ground taper thin to back. Set and filed ready for use.



| Length, inches..... | 12 | 14 |
|---|---|---|
| Price, per dozen..... | $6.50 | $7.50 |

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### Richardsons' Double Edge Plumbers' Saw.

This is a very useful Saw for Plumbers' use. One side can be used for cutting pipe, and the other for cutting, etc., etc.

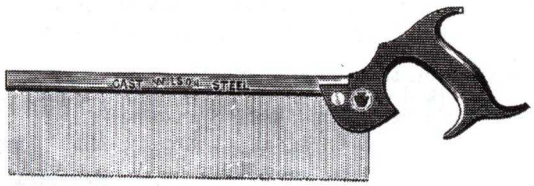
| Length, inches..... | 12 | 14 | 16 | 18 |
|---|---|---|---|---|
| Price, per dozen..... | $8.00 | $8.50 | $9.00 | $10.00 |

### Single Edge Plumbers' Saws.

| Length, inches..... | 12 | 14 | 16 | 18 |
|---|---|---|---|---|
| Price, per dozen..... | $7.00 | $7.50 | $8.00 | $9.00 |

# Richardson Bros.' Improved Back Saws.

## WILSON.—Open Handle.



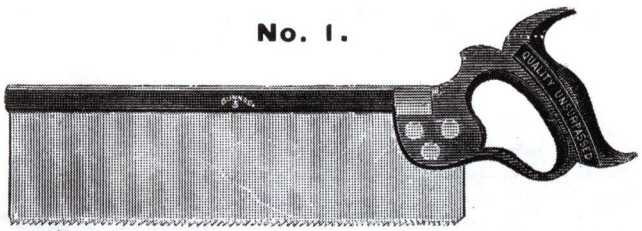
Wilson Back Saw, Beech Handle, Polished Edge.

| Length, inches, | 10 | 12 | 14 |
|---|---|---|---|
| Price, per doz., | $8.00 | 9.00 | 10.00 |

## J. H. NOBLE.

Steel Blue Back, Improved Handle, Beech, Polished Edges, Improved Brass Screws.

**No. 1.**

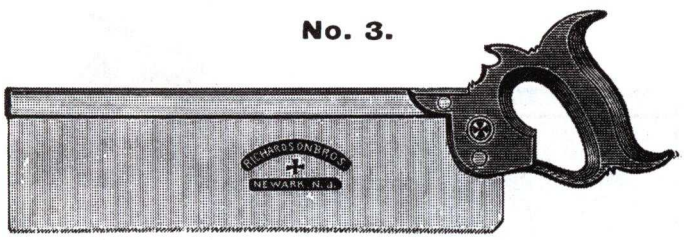



| Length, inches, | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $9.00 | 10.00 | 12.00 | 14.00 | 16.00 | 18.00 | 20.00 | 22.00 | 24.00 |

## RICHARDSON BROS.

Cast Steel, Warranted, Steel Blue Back, Improved Handle, Beech, Polished Edges, Improved Brass Screws.

**No. 3.**




| Length, inches, | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $10.50 | 11.00 | 13.00 | 15.00 | 17.00 | 20.00 | 22.00 | 24.00 | 26.00 |

One-third dozen in box.

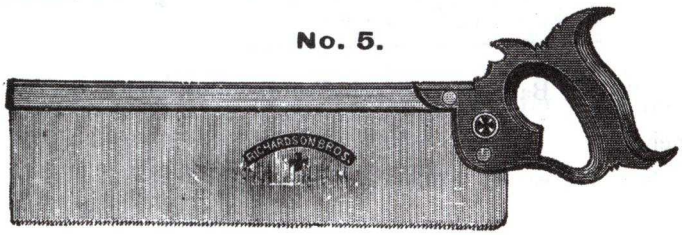
# Richardson Bros.' Improved Back Saws.

## RICHARDSON BROS.

**Extra** Spring Steel, Warranted, Steel Blue Back, Improved Handle, Apple, Polished Edges, Improved Brass Screws.

**This Blade is made from the very best quality of Spring Steel, finely tempered and perfectly true. The Back is heavy and finely finished, and, together with the Improved Handle, makes the best Back Saw in the market.**

**No. 5.**

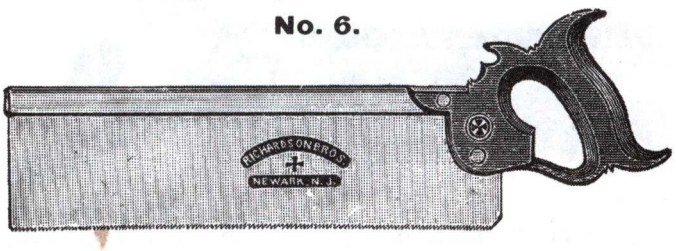



| **Length, inches**..... | 8 | 10 | 12 | 14 | 16 | 18 |
|---|---|---|---|---|---|---|
| **Price, per dozen**..... | $13.00 | $14.00 | $16.00 | $18.00 | $20.00 | $22.00 |

## RICHARDSON BROS.

**Extra** Spring Steel, Steel Polished Back, Improved Handle, Apple, Polished Edges, Improved Brass Screws.

**No. 6.**

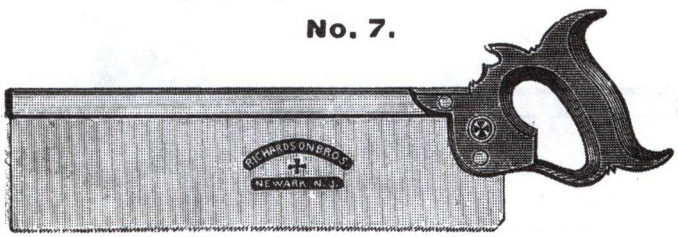



| **Length, inches**..... | 8 | 10 | 12 | 14 | 16 | 18 |
|---|---|---|---|---|---|---|
| **Price, per dozen**..... | $14.00 | $15.00 | $17.00 | $19.00 | $21.00 | $23.00 |

## RICHARDSON BROS.

**Brass** Back, Improved Handle, Selected Applewood Handle, Polished Edges, Improved Brass Screws.

**No. 7.**




**This Blade is made from refined stock, finely tempered and perfectly true.**

| **Length, inches**..... | 8 | 10 | 12 | 14 | 16 | 18 |
|---|---|---|---|---|---|---|
| **Price, per dozen**..... | $18.00 | $19.00 | $21.00 | $23.00 | $26.00 | $30.00 |

One-third dozen in box.

# No. 77. RICHARDSON BROS.

"Mechanics' Pride Back Saw."

To run without Set—otherwise same as No. 7. For fine cabinet work, sawing mitres, and in all instances where rapid and smooth cutting is required, this Saw is especially adapted.

| Length, inches..... | 8 | 10 | 12 | 14 | 16 | 18 |
|---|---|---|---|---|---|---|
| Price, per dozen..... | $18.00 | $18.00 | $22.50 | $25.50 | $29.00 | $32.00 |

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## Steel Back Mitre Box Saw.

Spring Steel, Apple Handle, Polished Edge, Polished Back.

Four inches under Back.

| Length, inches..... | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|
| Price, per dozen..... | $24.00 | $26.00 | $28.00 | $30.00 | $32.00 | $34.00 |

Five inches under Back.

| Length, inches..... | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|
| Price, per dozen..... | $26.00 | $28.00 | $30.00 | $32.00 | $34.00 | $36.00 |

Six inches under Back.

| Length, inches..... | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|
| Price, per dozen..... | $28.00 | $30.00 | $32.00 | $34.00 | $36.00 | $38.00 |

One-third dozen in box.

# RICHARDSON BROS.

**Warranted Extra Spring Steel, Patent Ground and Tempered.**

## EXTRA FINE COMPASS SAWS.

### No. 77.

Embossed Screws. Set and filed. Heavy Blades. Thick on Tooth and Thin at Back.

| Length, inches..... | 8 | 10 | 12 | 14 | 16 | 18 |
|---|---|---|---|---|---|---|
| Price, per dozen.... | $4.00 | $4.25 | $4.50 | $4.75 | $5.00 | $5.25 |

### No. 88—Beech Handle.

Plain Screws. Set and Filed. Heavy Blades. Thick on Tooth and Thin at Back.

| Length, inches..... | 8 | 10 | 12 | 14 | 16 | 18 |
|---|---|---|---|---|---|---|
| Price, per dozen.... | $4.00 | $4.25 | $4.50 | $4.75 | $5.00 | $5.25 |

Compass Saw Blades, 2 cents per inch.

### Key-hole Saw, with Handle Complete.

A new and very desirable tool.

| Length, inches..... | 8 | 10 | 12 |
|---|---|---|---|
| Price, per dozen..... | $2.50 | $2.75 | $3.00 |

Blades for same, with holes in to fit handle, $2.00 per dozen.

The above one-half dozen in box.

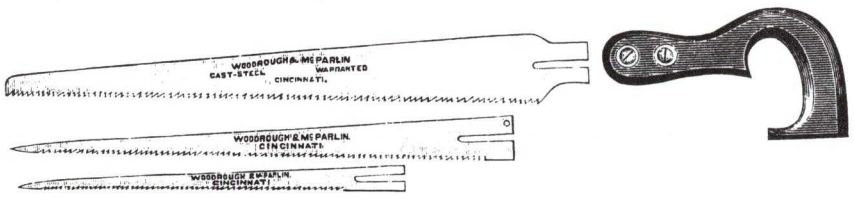
### Cast Steel Key-hole or Fret Saw Blades.

Narrow Pattern for German Pads. Extra Bevel Back.

Assorted, 6 to 12 inch, Set and Filed..... $1.50 per dozen.

# RICHARDSON BROS.' IMPROVED ADJUSTABLE SAWS.

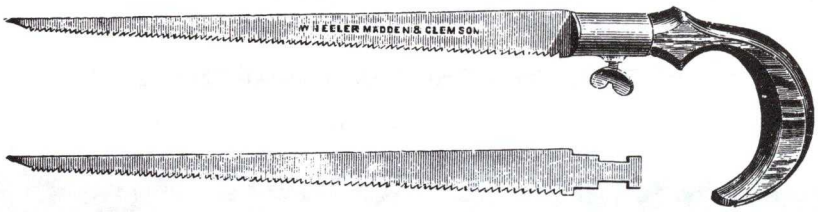
THE BEST. Patent Adjustable Saws, Nest including one each, Key-hole, Compass, and Table or Pruning Saw.




| | | |
|---|---|---|
| Key-hole Blades | $1.50 | per dozen. |
| Compass " | 2.50 | " |
| Pruning " | 5.50 | " |
| Patent Handles | 2.50 | " |
| Nests Complete | $12.00 | |

One-half dozen Nests Complete in box.

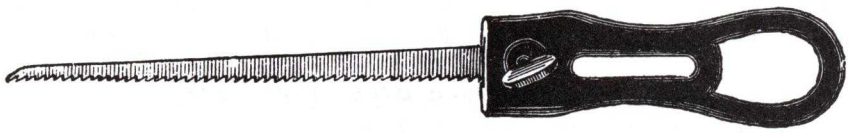
## Holden's Adjustable Compass Saws.




| Length, inches | 10 | 12 | 14 | 16 | 18 | 20 |
|---|---|---|---|---|---|---|
| Price, per dozen | $4.50 | $5.00 | $5.50 | $6.00 | $6.50 | $7.00 |

## Adjustable Compass Blades.

| Length, inches | 10 | 12 | 14 | 16 | 18 |
|---|---|---|---|---|---|
| Price, per dozen | $2.00 | $2.50 | $3.00 | $3.50 | $4.00 |

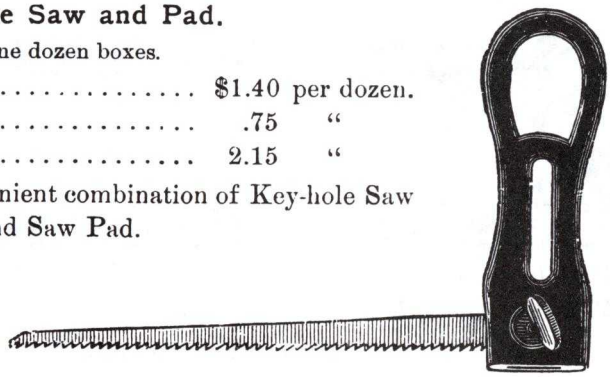


## Key-hole Saw and Pad.

In one dozen boxes.

| | | |
|---|---|---|
| Key-hole Saw | $1.40 | per dozen. |
| " " Handles | .75 | " |
| " " Complete | 2.15 | " |

This is a cheap and convenient combination of Key-hole Saw and Saw Pad.



# RICHARDSON BROS.

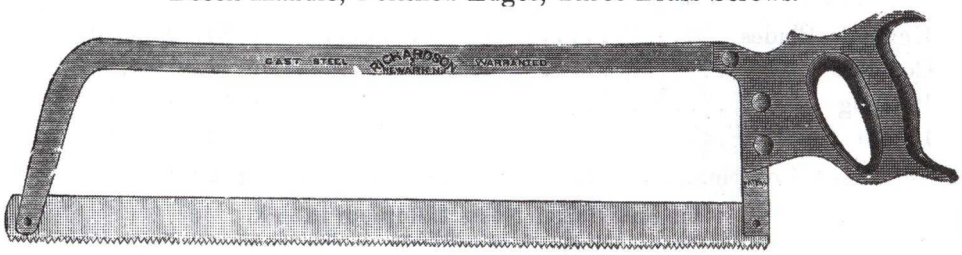
## Warranted Cast Steel, Patent Ground and Tempered.

## BUTCHER BOW SAWS.

We would respectfully call attention to our latest styles of Butcher Bow Saws. which, we feel certain, for quality, style and price, surpass any now in the market.

### No. 5—Richardson Bros.' Spring Back Butcher Bow Saw.

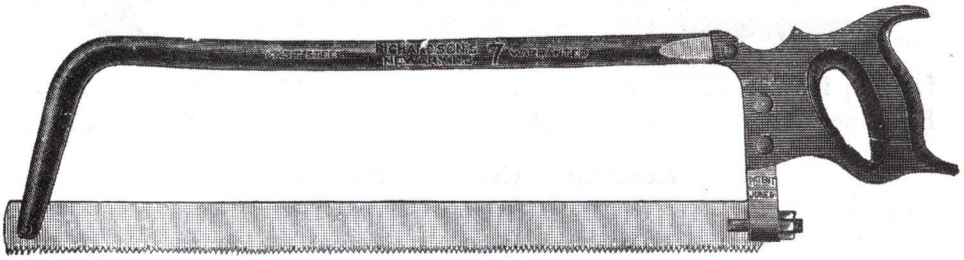
Beech Handle, Polished Edges, Three Brass Screws.




| Length, inches..... | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|---|---|
| Price, per dozen... | $11.25 | 11.75 | 12.50 | 13.25 | 14.00 | 14.75 | 15.50 |

### No. 7—Richardson Bros.' Best Oval Steel Back.

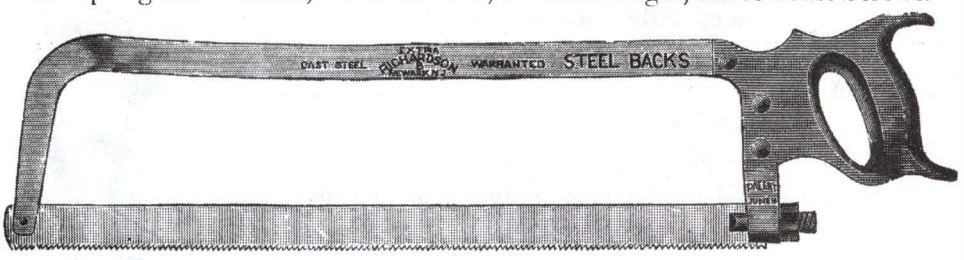
Ex. Spring Steel Blades, Beech Handle, Polished Edges, Three Brass Screws.




| Length, inches, | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 |
|---|---|---|---|---|---|---|---|---|
| Price, per dozen, | $14.50 | 15.25 | 16.00 | 17.00 | 18.00 | 19.00 | 20.00 | 22.00 |

### No. 8—Richardson Bros.' Flat Back.

Ex. Spring Steel Blades, Beech Handle, Polished Edges, Three Brass Screws.




| Length, inches, | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 |
|---|---|---|---|---|---|---|---|---|
| Price, per dozen, | $14.50 | 16.00 | 17.00 | 18.00 | 19.00 | 20.00 | 21.00 | 22.00 |

One-third dozen in box.

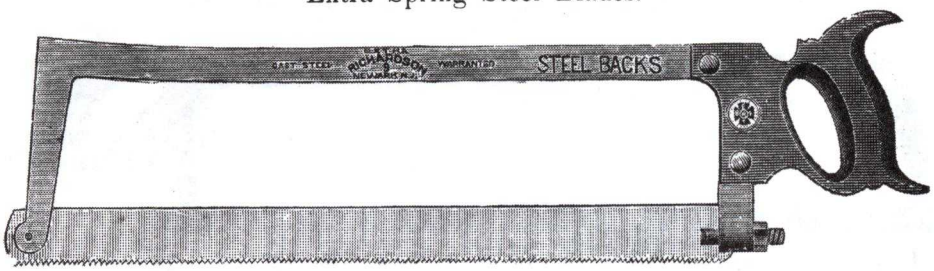
# RICHARDSON BROS.

## Warranted Cast Steel, Patent Ground and Tempered.

## BUTCHER SAWS.

### No. 9—Richardson Bros.' Best Flat Back.

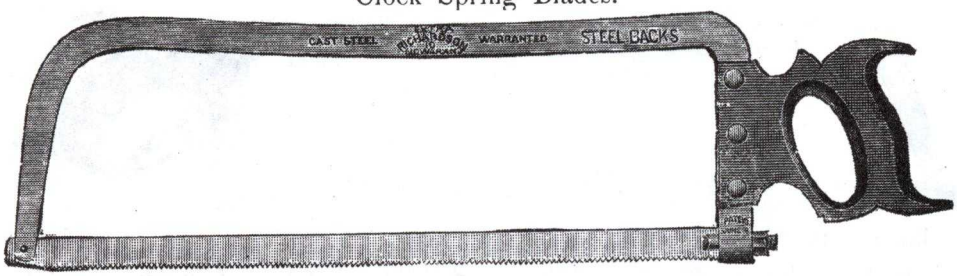
Extra Spring Steel Blades.




| Length, inches..... | 14 | 16 | 18 | 20 | 22 | 24 | 26 |
|---|---|---|---|---|---|---|---|
| Price, per dozen... | $18.00 | 20.00 | 21.00 | 22.00 | 23.00 | 24.00 | 26.00 |

### No. 10—Richardson Bros.' California Flat Back.

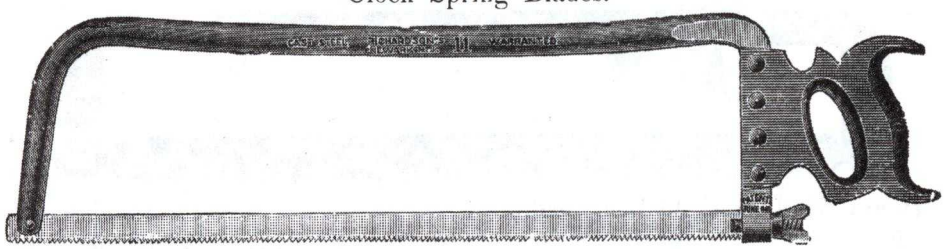
Clock Spring Blades.




| Length, inches..... | 16 | 18 | 20 | 22 | 24 | 26 | 28 |
|---|---|---|---|---|---|---|---|
| Price, per dozen... | $27.00 | 28.00 | 29.00 | 30.00 | 31.00 | 33.00 | 36.00 |

### No. 11—Richardson Bros.' California Oval Back.

Clock Spring Blades.




| Length, inches..... | 16 | 18 | 20 | 22 | 24 | 26 |
|---|---|---|---|---|---|---|
| Price, per dozen..... | $20.00 | 21.00 | 22.00 | 23.00 | 24.00 | 25.00 |

One-third dozen in box.

# RICHARDSON BROS.

**Warranted Cast Steel, Patent Ground and Tempered.**

## BUTCHER SAWS.

## No. 12—Cincinnati Butcher Saws.

Clock Spring Blades, $\frac{3}{4}$ inch wide, Solid Steel Frames.

| Length, inches, | 16 | 18 | 20 | 22 | 24 | 26 |
|---|---|---|---|---|---|---|
| Price, per dozen, | $16.00 | $17.00 | $18.00 | $19.00 | $20.00 | $21.00 |

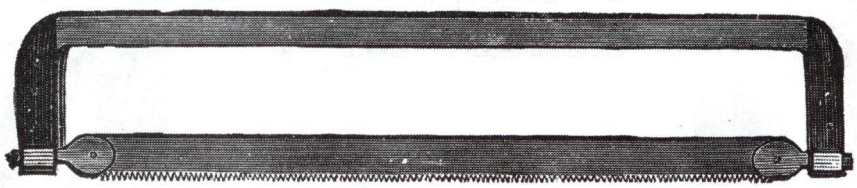
## No. 13—Pittsburgh Pattern Saws.

Solid Steel Frames.

| Length, inches, | 16 | 18 | 20 | 22 | 24 | 26 |
|---|---|---|---|---|---|---|
| Price, per dozen, | $19.00 | $20.00 | $21.00 | $23.00 | $25.00 | $27.00 |

## Beef Splitting Saw.

This cut shows Old Style Stretcher. But we make all Saws with new clamp Screw, giving 4 inches longer cut to same length of Saw of old style.



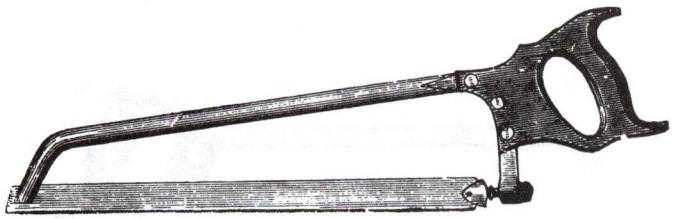
Heavy Steel Back, 33 inch blade..... $5.50 each.
" " " 36 " ..... 6.00 "

Or any size to order.

One-third dozen in box.

Extra Blades, 33 inch, $11.00 per dozen. 36 inch, $12.00 per dozen.

## Richardson Bros.' Pork Packers' Saw.



| | | |
|---|---|---|
| Length, 14 inches | $15.25 | per dozen. |
| " 16 " | 16.00 | " |
| " 18 " | 17.00 | " |

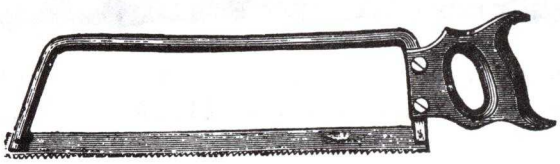
## Butchers' Saw Blades.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| To 1¼ in. wide, inclusive—Length, | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | inches. |
| Price | $4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | per dozen. |
| Blades 1¼ to 2 in. wide, inclusive—Length, | 16 | | 18 | | 20 | 22 | 24 | 26 | 28 | inches. |
| Price | $6.00 | | 6.25 | | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | per dozen. |
| Clock Spring, Blue Blades—Length | | | | | | 22 | | | 24 | inches. |
| Price | | | | | | $6.75 | | | 7.00 | per dozen. |

## KITCHEN SAWS.

We would respectfully call the attention of the trade to our Kitchen Saws. The backs are heavy, and blades are made of the best quality Spring Steel, thoroughly tempered.

**Richardson.**



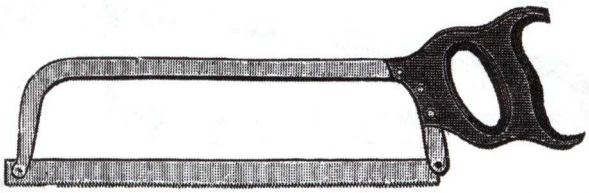
Cast Steel, Warranted.

| | | | |
|---|---|---|---|
| Length, inches | 12 | 14 | 16 |
| Price, per dozen | $5.75 | 5.75 | 6.00 |

One-half dozen in box.

## KITCHEN SAWS.—Continued.

**Wilson.**

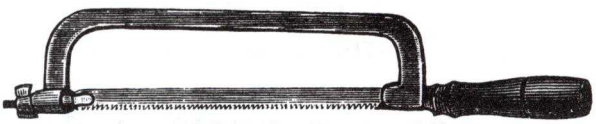


| Length, inches | 12 | 14 | 16 |
|---|---|---|---|
| Price, per dozen | $5.00 | 5.00 | 5.25 |

## Saw Knives of Superior Quality.

| | |
|---|---|
| No. 7, Richardson Brothers' Apple Handle | $5.50 per dozen. |
| No. 3, J. H. Noble's Beech Handle | 4.75 " |
| No. 4, Wilson | 4.00 " |

## Hack Saw.—Stubb's Pattern.



| Length, inches | 8 | 10 | 12 |
|---|---|---|---|
| Price, per dozen | $13.25 | 13.75 | 14.25 |

## Extra Cast Steel Hack Saw Blades.

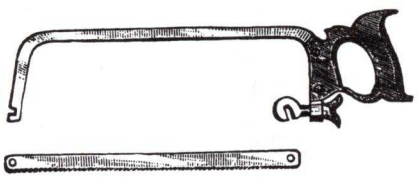
| Length, inches, | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 16 |
|---|---|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $1.90 | 2.35 | 2.80 | 3.25 | 3.75 | 4.25 | 4.75 | 5.25 | 5.75 | 6.75 |

# Lawson's Open-Back Adjustable Saws.

**The Greatest Novelty in Adjusting Open-Back Saws.**

In case of breakage, or the Saw becomes dull, it may be quickly substituted by a new one in a few minutes' time, without sending to the factory for repairs. These blades and backs are of the finest steel.

INVENTED BY
**LEWIS LAWSON**



For Butchers, Machinists and Others.

## PRICES OF SAWS.

| | | |
|---|---|---|
| 12 inches | $18.00 | per dozen. |
| 14 " | 21.00 | " |
| 16 " | 24.00 | " |
| 18 " | 27.00 | " |
| 20 " | 30.00 | " |
| 22 " | 33.00 | " |
| 24 " | 36.00 | " |
| 26 " | 39.00 | " |

## PRICES OF BLADES.

| | | |
|---|---|---|
| 12 inches | $6.75 | per dozen. |
| 14 " | 7.50 | " |
| 16 " | 8.25 | " |
| 18 " | 9.00 | " |
| 20 " | 9.50 | " |
| 22 " | 10.00 | " |
| 24 " | 10.50 | " |
| 26 " | 10.75 | " |

# TURNING WEBS, THIN BACKS.

Widths and Gauges for Regular Stock Turning or Chair Work.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 6 | inches | 23 | gauge | $1.20 | per dozen | 3-16 | to | 1/4 | inch wide. |
| 7 | " | 22 | " | 1.25 | " | 3-16 | to | 1/4 | " |
| 8 | " | 22 | " | 1.30 | " | 3-16 | to | 1/4 | " |
| 10 | " | 22 | " | 1.35 | " | 3-16 | to | 1/4 | " |
| 12 | " | 21 | " | 1.45 | " | 3-16 | to | 5-16 | " |
| 14 | " | 21 | " | 1.60 | " | 3-16 | to | 5-16 | " |
| 16 | " | 20 | " | 1.80 | " | 1/4 | to | 3/8 | " |
| 18 | " | 20 | " | 2.00 | " | 1/4 | to | 1/2 | " |
| 20 | " | 20 | " | 2.25 | " | 1/4 | to | 5/8 | " |
| 22 | " | 20 | " | 2.50 | " | 1/4 | to | 5/8 | " |
| 24 | " | 19 | " | 2.80 | " | 1/4 | to | 3/4 | " |
| 26 | " | 19 | " | 3.10 | " | 1/4 | to | 3/4 | " |
| 28 | " | 19 | " | 3.45 | " | 1/4 | to | 7/8 | " |
| 30 | " | 19 | " | 3.80 | " | 1/4 | to | 1 | " |
| 32 | " | 18 | " | 4.20 | " | 1/4 | to | 1 | " |
| 34 | " | 18 | " | 4.60 | " | 1/4 | to | 1 | " |
| 36 | " | 18 | " | 5.00 | " | 1/4 | to | 1 | " |

One extra gauge in thickness, no extra charge. When two gauges heavier than the above list, Felloe Web prices will be charged. Extra width, 10 per cent. extra for each additional 1/8 inch wide.

# FELLOE WEBS, THIN BACKS.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 6 | inches | 19 | gauge | $1.30 | per dozen | 3-16 | to | 1/2 | inch wide. |
| 7 | " | 19 | " | 1.35 | " | 3-16 | to | 1/2 | " |
| 8 | " | 19 | " | 1.45 | " | 3-16 | to | 1/2 | " |
| 10 | " | 18 | " | 1.60 | " | 3-16 | to | 1/2 | " |
| 12 | " | 18 | " | 1.85 | " | 1/4 | to | 1/2 | " |
| 14 | " | 17 | " | 2.10 | " | 1/4 | to | 1/2 | " |
| 16 | " | 17 | " | 2.35 | " | 1/4 | to | 5/8 | " |
| 18 | " | 17 | " | 2.70 | " | 1/4 | to | 5/8 | " |
| 20 | " | 17 | " | 3.00 | " | 1/4 | to | 3/4 | " |
| 22 | " | 17 | " | 3.30 | " | 1/4 | to | 3/4 | " |
| 24 | " | 17 | " | 3.65 | " | 1/4 | to | 7/8 | " |
| 26 | " | 17 | " | 4.00 | " | 1/4 | to | 7/8 | " |
| 28 | " | 17 | " | 4.40 | " | 1/4 | to | 1 | " |
| 30 | " | 16 | " | 4.80 | " | 1/4 | to | 1 | " |
| 32 | " | 16 | " | 5.20 | " | 1/4 | to | 1 | " |
| 34 | " | 16 | " | 5.60 | " | 1/4 | to | 1 | " |
| 36 | " | 16 | " | 6.00 | " | 1/4 | to | 1 | " |

One extra gauge in thickness, no extra charge. Five per cent. extra for each additional gauge to gauge. Above 14 gauge, special prices. Extra widths, 10 per cent. for each additional 1/8 inch wide.

N. B.—All Web Saws 1/8 inch and narrower will be made with wide ends, in order to give strength at the hole. Price 25 per cent. advance.

## Webs for Foot Power Machines.

| | |
|---|---|
| 6 x 1-16, 3-32, $\frac{1}{8}$ inches | $ .90 per dozen. |
| 7 x 1-16, 3-32, $\frac{1}{2}$, 5-16 inches | 1.00 " |
| 8 x 1-16, 3-32, $\frac{1}{8}$, 1-4 " | 1.10 " |
| 9 x 1-16, 3-32, $\frac{1}{8}$, 1-4 " | 1.25 " |

## Fay's Patent Scroll Saws.

| Length, inches, | 8 | 9 | 10 | 11 | 12 | 13 |
|---|---|---|---|---|---|---|
| Price, per dozen, | $2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 |
| Length, inches, | 14 | 16 | 18 | 20 | 22 | 24 |
| Price, per dozen, | $3.50 | 3.75 | 4.25 | 4.75 | 5.50 | 6.00 |

Webs to 16 inch over $\frac{3}{4}$ inch wide, extra price. Webs from 18 to 24 inch over 1 inch wide, extra price. We make the above Webs from 13 to 16 gauge in thickness.

## Mulay Scroll Saws.—Ground to Run without Set.

| Length. | Width. | Price per doz. | Length. | Width. | Price per doz. |
|---|---|---|---|---|---|
| 8 inches | $\frac{3}{16}$ to $\frac{1}{2}$ inch | $2.00 | 8 inches | $\frac{9}{16}$ to $\frac{3}{4}$ inch | $2.30 |
| 10 " | " " | 2.50 | 10 " | " " | 2.88 |
| 11 " | " " | 2.75 | 11 " | " " | 3.16 |
| 12 " | " " | 3.00 | 12 " | " " | 3.45 |
| 14 " | " " | 3.40 | 14 " | " " | 3.90 |
| 16 " | " " | 3.70 | 16 " | " " | 4.25 |
| 18 " | " " | 4.10 | 18 " | " " | 4.70 |

Saws wider than $\frac{3}{4}$ inch will be subject to special prices.

## Cabinet Tanged Saws.

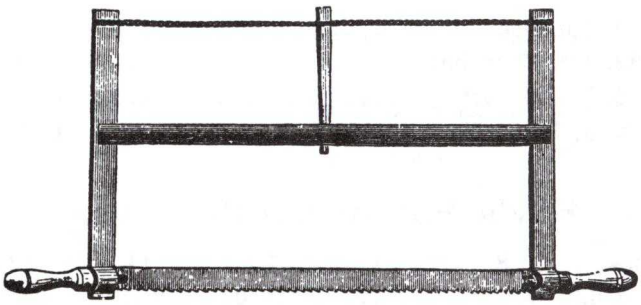
Regular Width, Straw-Colored, Set and Sharpened.

| Length, inches, | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 |
|---|---|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $2.20 | 2.30 | 2.40 | 2.50 | 2.75 | 3.00 | 3.30 | 3.60 | 3.90 | 4.20 |

One inch Wide, Straw-colored, Set and Sharpened.

| Length, inches, | 24 | 26 | 28 | 30 | 32 | 34 |
|---|---|---|---|---|---|---|
| Price, per dozen, | $1.70 | 1.80 | 2.00 | 2.20 | 2.40 | 2.60 |

# GERMAN CABINET SAW FRAMES.



Frames alone are packed in ½ doz. bundles ; Saws and Frames packed according to circumstances.

## German Cabinet Saws and Frames.—Tanged Saws.

| Size, inches, | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 |
|---|---|---|---|---|---|---|---|---|---|---|
| Price, per dozen, | $11.00 | 11.50 | 12 25 | 12.75 | 13.25 | 13.75 | 14.75 | 15 50 | 16.25 | 17.25 |

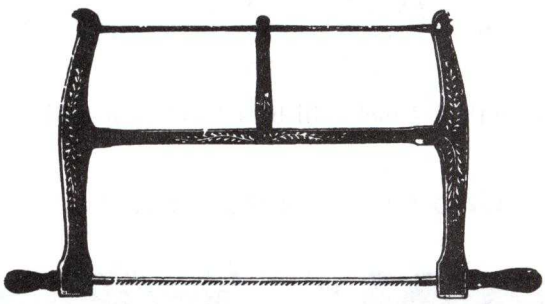
## Frames for German Cabinet Saws.

In ¼ dozen or ½ dozen bundles. All Wood Handles.

| Size, inches, | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 |
|---|---|---|---|---|---|---|---|---|---|---|
| Price, per dozen, | $7.75 | 8.00 | 8 25 | 8.50 | 8 75 | 9.00 | 9.25 | 9.50 | 9.75 | 10.00 |

# TURNING SAWS AND FRAMES.

These articles are too well known to the trade to need any special remarks ; suffice it to say that they are not equaled. Their great point of superiority lies in the method by which the brass spindles are fitted to the handles, combining great strength and durability. The stretchers are carefully fitted to the sides, and the frames are nicely finished.



| Length, inches, | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $9.25 | 10.75 | 12.00 | 13.25 | 14.75 | 15.75 | 16.75 | 17.50 | 18.50 | 19.50 | 20.50 |

## Turning Saw Frames Only.

Put up in ¼ dozen bundles.

| Length, inches, | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $7.00 | 8.00 | 9.00 | 9.75 | 10.75 | 11.50 | 12.00 | 12.50 | 13.00 | 13.50 | 14.00 |

## Turning Saw Frame Handles.

From 10 to 18 inches, per dozen pairs..... $3.50
" 20 to 30 " " " ..... 4.25

LIST OF

# French Band Saw Blades.

Polished, Extra Quality.

NOT SET, FILED NOR JOINED.

| | | | | | |
|---|---|---|---|---|---|
| | ¼ in. | ⅜ in. | ½ in. | ⅝ in. | wide. |
| 21 gauge..... | 7 | 8 | 10 | 12 | cents per foot. |
| | ¾ in. | ⅞ in. | 1 in. | 1⅛ in. | wide. |
| 20 gauge..... | 14 | 16 | 18 | 20 | cents per foot. |
| | 1¼ in. | 1⅜ in. | 1½ in. | 1¾ in. | wide. |
| 19 gauge..... | 23 | 26 | 28 | 34 | cents per foot. |

Setting and Filing above, 4 cents per foot extra.

Net prices for brazing or joining above sizes of Band Saws.

| ¼ | ⅜ | ½ | ⅝ | ¾ | ⅞ | 1 | 1⅛ | 1¼ | 1⅜ | 1½ | 1¾ in. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 20 | 20 | 25 | 25 | 25 | 30 | 30 | 30 | 40 | 40 | 75 cents |

## PRICES FOR BAND SAWS.

**Set, Sharpened and Joined Complete.**

| | | | | |
|---|---|---|---|---|
| | | 2 in. | 2¼ in. | 2½ in. wide. |
| 18 gauge..... | | 50 | 60 | 65 cts. per foot |
| | | | 3 in. | 3½ in. wide. |
| 17 gauge..... | | | .80 | $1.00 per foot. |
| | 4 in. | 4½ in. | 5 in. | 5½ in. wide. |
| 16 gauge..... | $1.20 | $1.35 | $1.50 | $1.65 per foot. |
| | 6 in. | 7 in. | 8 in. | 9 in. wide. |
| 16 gauge..... | $1.80 | $2.15 | $2.50 | $3.00 per foot. |
| | | 10 in. | 11 in. | 12 in. wide. |
| 14 to 16 gauge..... | | $3.50 | $4.20 | $5.00 per foot. |

When ordering state whether to be set, sharpened and joined. Toothed blanks are same price as finished Saws. Band Saw Blanks, either bright or black, furnished to order, but are not warranted.

### Suggestions on the Use of Band Saws.

Keep the correct pitch upon the Tooth, so as to give the Saw a proper lead into the cut. This will take the friction entirely off the stay-pin. By the use of a round-edged file (made by us) the Saw will be kept from galling and breaking. To save trouble and expense a proper pitch must be held for each kind of work and wood.

**Band Saws of any Width, Length and Tooth, Set, Sharpened and Joined Complete.**

# WOOD SAWS.—Complete.

## EXCELSIOR—Red—Newark.

Newark Saw Co. Blade. Bow Belly, with No. 1 Patent Loop Rod.

With Newark Saw Co. Blade, 30 inch, peg tooth..... $ 9.50 per dozen
" " " " 32 " " ..... 10.25 "

## EXCELSIOR—Red—Richardson.

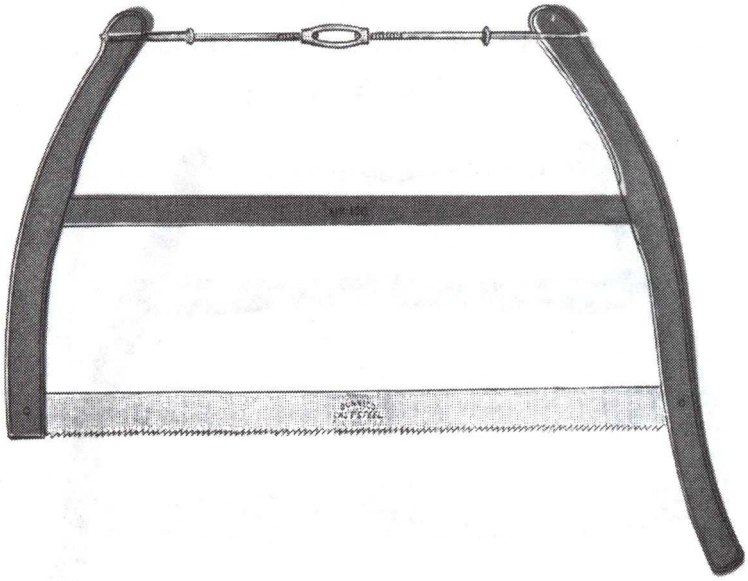
Richardson No. 7 Blade. Bow Belly, with No. 1 Loop Rod.

With No. 7 Blade, 30 inch, peg tooth..... $11.00 per dozen.
" " " 32 " " ..... 11.75 "

Packed half-dozen in box.

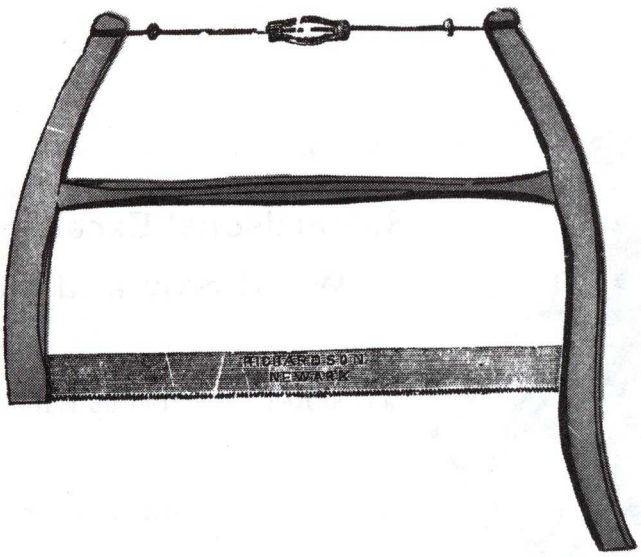
# WOOD SAWS.—Complete.

## No. 1 RED.—Loop Rod.



No. 1 Blade, Loop Rod..... $5.50 per dozen.

## No. 7 RED.—Loop Rod.




No. 7 Blade, 30 inch..... $9.50 per dozen.

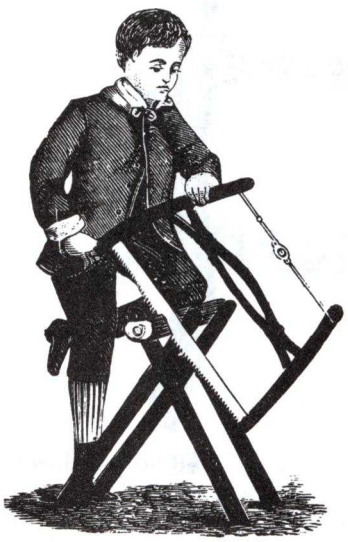
Put up one-half dozen in box.

## Richardsons' New Excelsior Wood Saw.

**Cherry Frame, Extra Thin Back, Round Breast, Clock Spring, Blue Blade.**

With Tinned Rod, 30 inch.....$11.50 per dozen.

Put up half-dozen in box.



## Richardsons' Excelsior Boys' Wood Saw and Buck.

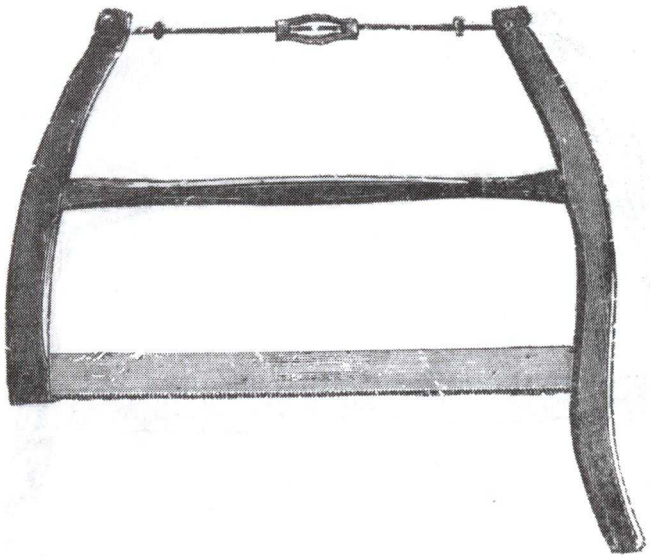
Painted Red. Put up half-dozen in box.

**A First-Class Saw in Every Respect.**

Price, $11.25 per dozen.

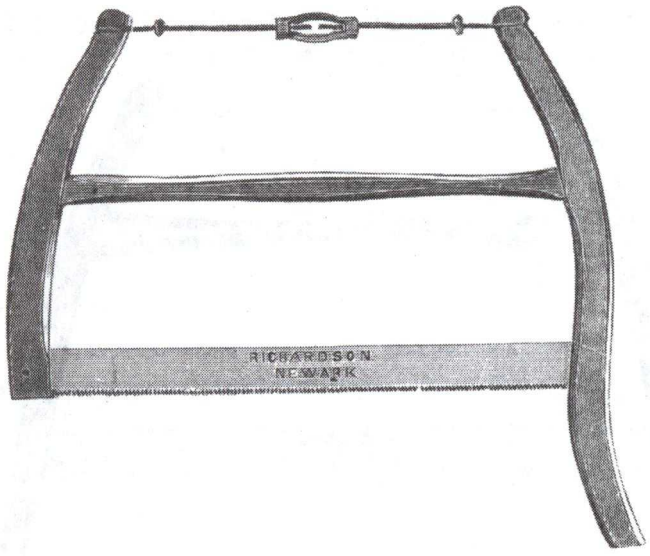
# WOOD SAWS.—Complete.

## No. 1 LANCASTER.—With Loop Rod.—White.



30 inch, No. 1 Blade, Set and Filed.....$5.00 per dozen.
32 " " " " " ..... .50 List extra.

## No. 7 Richardson.—Spring Steel, Warranted.
## Loop Rod. White.




30 inch, No. 7, Best Spring Steel Blade, 2¼ wide.....$9.00 per dozen.
With 30, No. 9 Blade, and Oiled Frame..... 9.75 "

32 inch, 50c. per dozen extra. No better Saw in the market.

Put up half-dozen in box.

## OUR SAMPSON WOOD SAWS.

### A New, Strong, Handsome Frame. Painted Red.

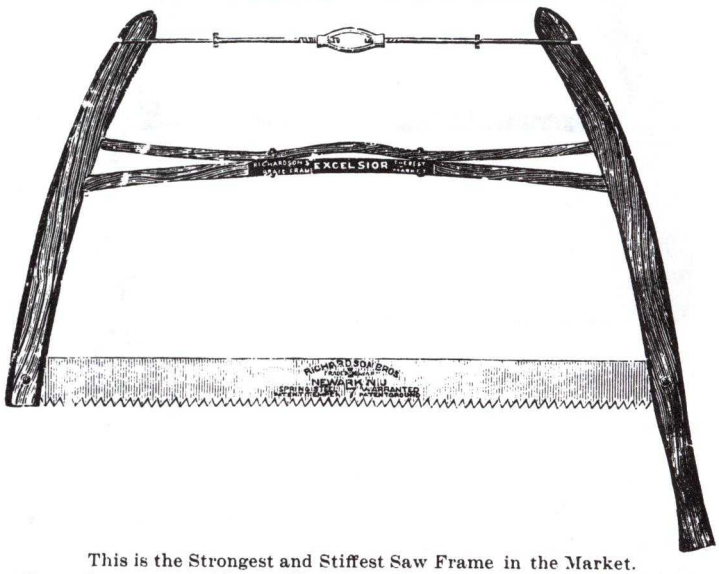
The mortise to receive the cross piece is narrow, but twice the length of that in an ordinary frame, while the bearing or shoulder of the cross piece is three times the length of that in an ordinary frame. The narrow mortise and extra long shoulder bearing adds great strength to this frame.

30 inch, Bow Belly Blade, No. 7..... $11.00 per dozen.
30 inch, Newark Saw Co., Bow Belly Blade..... 10.50 "

Not painted, 50 cents per dozen less.

## Richardsons' Excelsior Pat. Spring Braced Frame.

### EXCELSIOR.—No. 7 White.



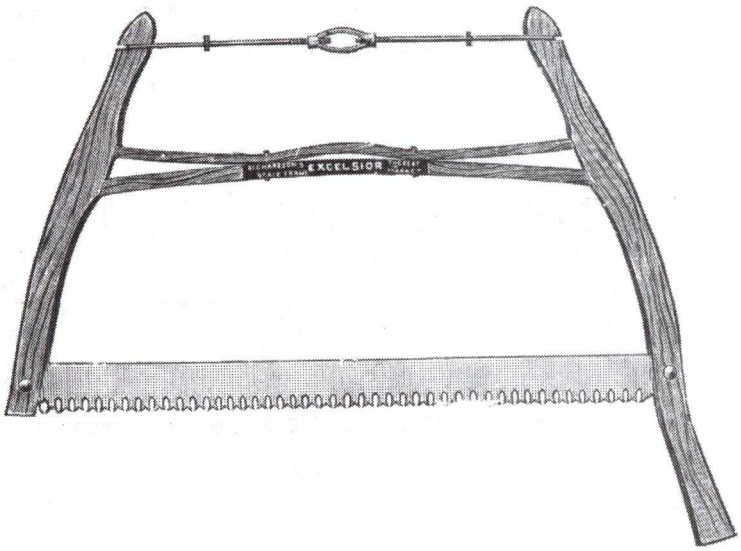

This is the Strongest and Stiffest Saw Frame in the Market.

30 inch, Complete, with No. 7 Best Spring Steel Blades.. $10.00 per doz.

Half-dozen in box.

## Richardsons' Excelsior Pat. Spring Braced Frame.

EXCELSIOR.—No. 77 White.




30 inch, Complete, with No. 77 Best Spring Steel Blades, $10.50 per doz.
32 inch, 50 cents per dozen extra, net.

Half-dozen in box.

## RICHARDSON BROS.

Warranted Cast Steel, Patent Ground and Tempered Billet Webs, or Wood Saw Blades.

### No. 77.—RICHARDSON. Lightning Wood Saw Blades.

Made of Best Spring Steel. Very fast cutting Saw.

30 inch, set and sharpened..... $6.50 per doz.

### CHAMPION WOOD SAW BLADES.

Set and Sharpened. Spring Steel, Warranted. Made of the Best Material.

30 inch, 2¼ inch wide..... $6.50 per doz.
32 " 2¼ " ..... 7.00 "

Special Wood Saw Blades made to order for the Trade. Peg, or Boston Tooth Wood Saw Blades, 25 cents per dozen extra.

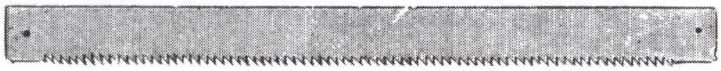
### CLOCK SPRING BILLET WEBS.

30 inch..... $6.00 per doz.
32 " ..... 6.50 "

# RICHARDSON BROS.

Warranted Cast Steel, Patent Ground and Tempered
Billet Webs, or Wood Saw Blades.

### No. 1.—LANCASTER.



Length, 30 in., 2 in. wide, Cast Steel, set and sharpened . . . $3.00 per doz.
" 32 in., 2 in. " " " " . . . 3.25 "

### No. 3.—J. H. NOBLE. Cast Steel, Warranted.

Length, 30 in., 2¼ in. wide, Cast Steel, set and sharpened . . $4.50 per doz.
" 32 in., 2¼ in. " " " " . . 4.75 "

### No. 7.—RICHARDSON. Spring Steel, Warranted.

Made of the best material and carefully finished.

Length, 30 in., 2¼ in. wide, Spring Steel, set and sharpened, $6.00 per doz.
" 32 in., 2¼ in. " " " " 6.50 "

### No. 9.—RICHARDSON. Extra Spring Steel, Extra Thin Back.

Length, 30 in., 2⅜ in. wide, Ex. Spring Steel, set and sharpened, $6.50 per doz.
" 32 in., 2⅜ in. " " " " " 7.00 "

### No. 12.—RICHARDSON. Extra London Spring Steel, Extra Thin Back.

2½ inches wide, Crowning or Swell Centre. This Blade is of extra quality in every respect, and the very best that can be made.

30 in., set and sharpened . . . . . $ 9.50 per doz.
32 in., " " . . . . . 10.00 "

## Richardsons' Best Cooper Webs.

Length, 30 inches, Extra Spring Steel, Ground Thin at Back, $6.00 per doz.

---

## RODS FOR WOOD SAW FRAMES.

### SWIVEL LOOP ROD.

| | 20 in. | 21 in. | 22 in. | 23 in. | 24 in. |
|---|---|---|---|---|---|
| Per gross..... | $9.00 | $9.25 | $9.50 | $9.75 | $10.00 |

Special Rods made to order. The above in dozen bundles.

### LOOP TINNED ROD.

| | 20 in. | 21 in. | 22 in. | 23 in. | 24 in. |
|---|---|---|---|---|---|
| Per gross.. | $10.00 | $10.25 | $10.50 | $10.75 | $11.00 |

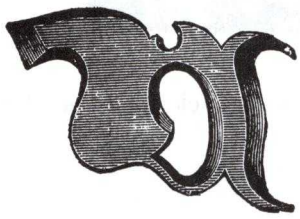
### WOOD SAW FRAMES.

| | | | |
|---|---|---|---|
| No. 1 Frame..... | $ 9.50 | per gross, | net. |
| " 7 " ..... | 13.50 | " | " |
| New England Pattern, 30 or 32 inch..... | 12.00 | " | " |
| Excelsior Frame.. ..... | 21.00 | " | " |

Any of above Frames painted Red, $6.50 net extra.

Boxed six dozen in crate.

# SAW HANDLES.—Polished Edges.



| | | | |
|---|---|---|---|
| No. | 0, 24 to 26 inch, Beech | $1.00 | per dozen. |
| " | 1, 26 inch, Beech | 1.40 | " |
| " | 3, 26 " " | 1.50 | " |
| " | 7, 26 " " | 2.50 | " |
| " | 8, 26 " Apple | 3.50 | " |
| " | 3, 16, 18, 20, 22 inch, Beech | 1.35 | " |
| " | 7, 16, 18, 20, 22 " " | 2 25 | " |
| " | 8, 16, 18, 20, 22 " Apple | 3 00 | " |
| " | 12, Saw Handles 26 to 28 inch | 5 00 | " |
| " | 12, " " 18 to 22 " | 4.75 | " |
| R | 8, " " 18 to 20 " | 3.75 | " |
| " | 8, " " 22 to 24 " | 4 00 | " |
| " | 8, " " 26 to 28 " | 4.50 | " |

## Butchers' Saw Handles.

| | | | |
|---|---|---|---|
| Butchers' Saw Handles, Nos. 5 and 7, Beech | | $1.75 | per dozen. |
| " " " " 8 and 9, " | | 2.00 | " |
| California " " No. 10, Beech | | 2 25 | " |
| " " " " 11, " | | 2.00 | " |
| Cincinnati " " " 12, " | | 1.50 | " |
| Western " " " 13, " | | 1.80 | " |

## Back Saw Handles.

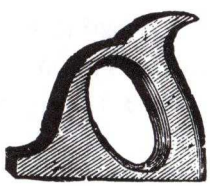
| | | | | | |
|---|---|---|---|---|---|
| No. 1—8, 10, 12 inch, Beech | $1.25 ; | 14 and 16 inch | $1.50 | per dozen. |
| " 5—8, 10, 12 " Apple | 2.50 ; | 14 " 16 " | 2 75 | " |

## Compass Saw Handles.

| | | |
|---|---|---|
| Compass, Beech | $1.00 | per dozen |
| " Apple | 1.50 | " |

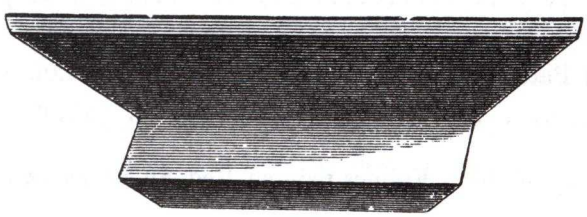
## Fore and Jack Plane Handles.

Jack, per dozen, 50 cents.



Fore, per dozen, 75 cents.

## Templets.



| | | |
|---|---|---|
| No. 7, Beech | $1.85 | per dozen. |
| " 8, Cherry | 2.25 | " |

# SAW SCREWS.

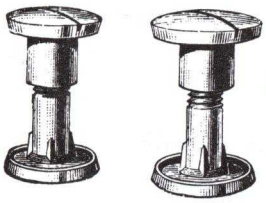
Brass Flush,
No. 1, per gross..... $2.00

Brass Flush,
No. 2, per gross ..... $2.50

Fancy Raised, Brass,
Per gross..... $5.00

No. 3, Small Brass Eagle, per gross, $4.25.

No. 4, Large Brass Eagle, per gross, $5.00

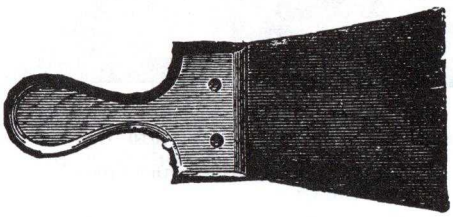


Nos. 6 and 7.

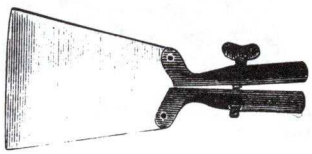
## Improved Screws, as used in Nos. 7, 8 and 9 Saws.

| | Per gross. |
|---|---|
| No. 6, Small Screw, for 22 inch Saw and smaller sizes.. | $2.80 |
| " 7, " " " 26 and 28 inch Saws..... | 3.25 |
| " 8, Label Screw " 22 inch Saw and smaller sizes.. | 4.75 |
| " 9, " " " 26 and 28 inch Saws..... | 5.75 |

# WALL SCRAPERS.

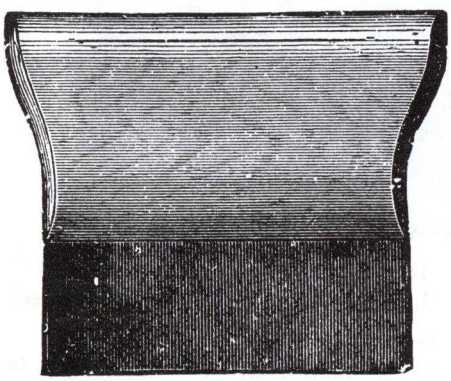


No. 1, 3 inch..... $2.75 per dozen.
" 2, 4 " ..... 3.25 "



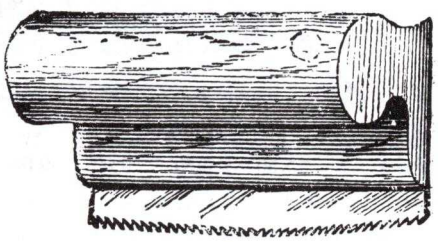
Patent May 20, 1884.
Adjustable Wall Scraper.
No. 3 ..... $4.00 per dozen.
" 4..... 4.50 "

## Butcher Block Scrapers.



6 inch Blade..... $4.00 per dozen.

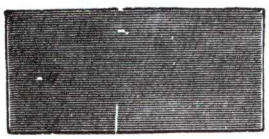
## French Veneer Saws.



4¼ inch Blade ..... $3.00 per dozen

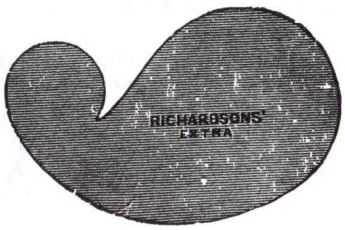
# SCRAPERS.—Continued.

## Cabinet Scrapers, Ex. Quality.



| | Per dozen. |
|---|---|
| 2 by 4, 5, 6 inches. | $ .60 |
| 2½ " 4, 5, 6 " | .60 |
| 3 " 4, 5, 6 " | .60 |
| 3½ " 4, 5, 6 " | 1 00 |
| 4 " 4, 5, 6 " | 1.00 |

## German Swan Neck Scrapers




Regular Size..... $2.00 per dozen.

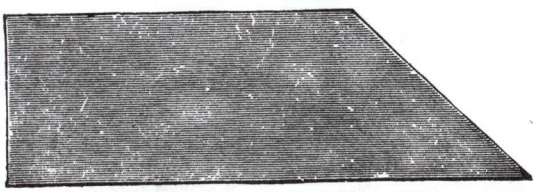
## Bakers' Scrapers.

Regular Size..... $4.50 per dozen.

## French Cabinet Scrapers.

| Size, | 2½x5 | 2½x6 | 3x5 | 3x6 inches. |
|---|---|---|---|---|
| Price, | $2.00 | 2.50 | 2.50 | 3.00 per doz. |

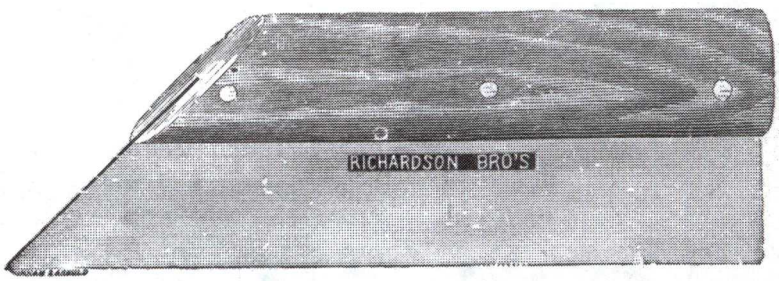
## Masons' Mitre Rods.



| Length, | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 inches. |
|---|---|---|---|---|---|---|---|---|
| Price, | $3.50 | 4.50 | 5.75 | 7.00 | 8.00 | 9.00 | 10.50 | 11.00 per doz. |

Extra quality, Beveled Edges, without Back.

## Mitre Rods with Black Walnut Back.



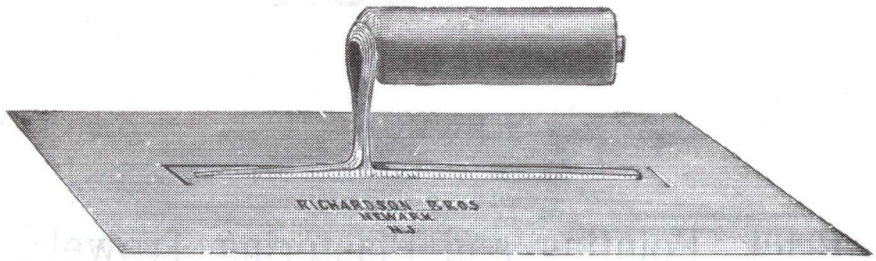

| Length, | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 inches. |
|---|---|---|---|---|---|---|---|---|
| Price, | $5.50 | 6.50 | 8.00 | 9.50 | 11.25 | 12.50 | 14.25 | 16.00 per dozen. |

Steel Plates of every description made to order. Machine Knives and Knives for Paper Cutting, of every description.

# RICHARDSONS' PLASTERING TROWELS.

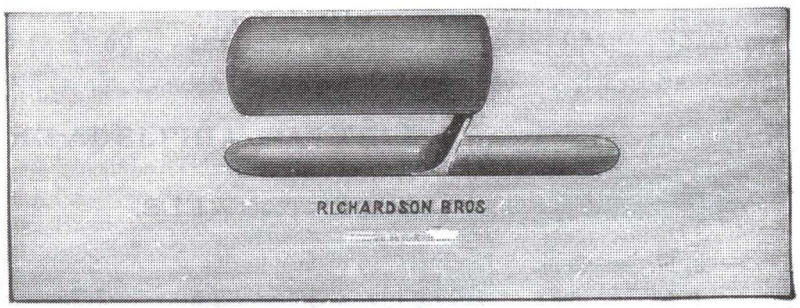
## WARRANTED.

This handle is fastened on our Patented Feathered or Flanged Shank, and will not come loose. Patented March 4, 1884.



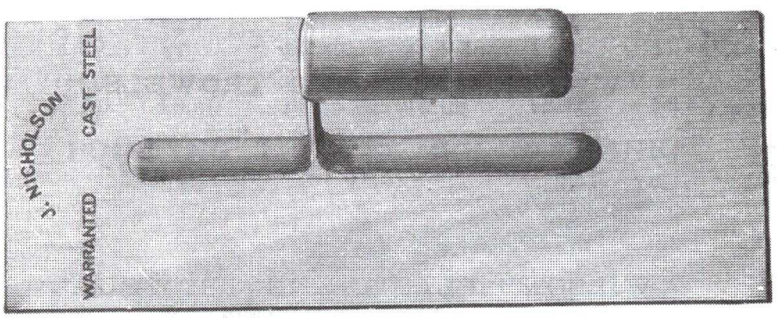

No. 1 Extra.—Richardsons' Plastering Trowels.

| Length, inches, | 10½ | 11 | 11½ | 12 |
|---|---|---|---|---|
| Price, per dozen, | $13.75 | 15.25 | 16.75 | 18.25 |




No. 1.—Richardsons' Plastering Trowels.

| Length, inches, | 10½ | 11 | 11½ | 12 |
|---|---|---|---|---|
| Price, per dozen, | $12.25 | 13.50 | 14.50 | 15.75 |




No. 2.—Nicholson's Plastering Trowels.

| Length, inches, | 10½ | 11 | 11½ | 12 |
|---|---|---|---|---|
| Price, per dozen, | $7.75 | 8.50 | 9.25 | 10.00 |

We desire to call special attention to the superior quality of our Plastering Trowels. We have made recent valuable and important improvements in the manufacturing of them, and they are excelled by none.

# "WILSON"

BRAND

## Brick, Pointing and Plastering Trowels,

Philadelphia, New York and London Patterns.

### "WILSON" BRICK TROWELS.

| 8 in. | 8½ in. | 9 in. | 9½ in. | 10 in. | 10½ in. | 11 in. | 11½ in. |
|---|---|---|---|---|---|---|---|
| $6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 7.75 | 8.00 |

| 12 in. | 12½ in. | 13 in. | 13½ in. | 14 in. |
|---|---|---|---|---|
| $8.25 | 8.50 | 8.75 | 9.25 | 9.50 |

### "WILSON" POINTING TROWELS.

| 4 in. | 4½ in. | 5 in. | 5½ in. | 6 in. |
|---|---|---|---|---|
| $2.95 | 3.00 | 3.10 | 3.20 | 3.40 |

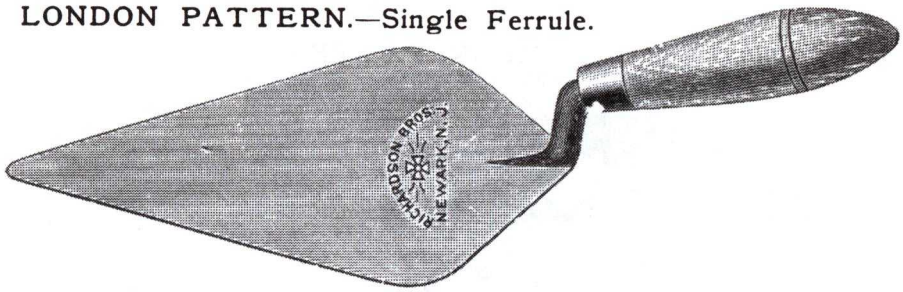
### "WILSON" PLASTERING TROWELS.

| 10 in. | 10½ in. | 11 in. | 11½ in. | 12 in. |
|---|---|---|---|---|
| $6.50 | 7.00 | 7.50 | 8.00 | 9.00 |

# BRICK TROWELS.

We desire to call the attention of the trade to the superior quality of Brick and other Trowels of our manufacture. We are now making a specialty of this branch of business, and with confidence guarantee them to be the best Trowels in the market.

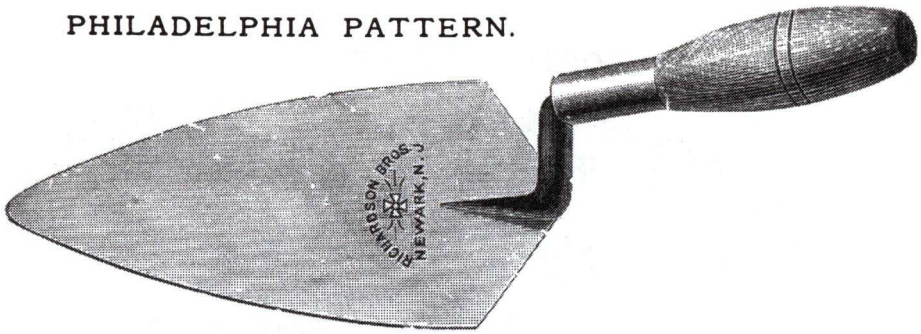
## LONDON PATTERN.—Single Ferrule.




| 7½ in. | 8 in. | 8½ in. | 9 in. | 9½ in. | 10 in. | 10½ in. | |
|---|---|---|---|---|---|---|---|
| $7.50 | 8.00 | 8.50 | 9.00 | 9.50 | 10.00 | 10.50 | per doz. |
| 11 in. | 11½ in. | 12 in. | 12½ in. | 13 in. | 13½ in. | 14 in. | |
| $11.00 | 11.50 | 12.00 | 12.75 | 13.50 | 14.25 | 15.00 | per doz. |

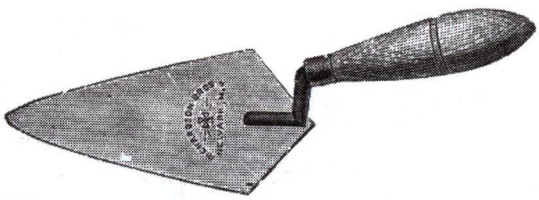
Double Ferrule, London, $1.00 per doz. advance on list of Single Ferrule.

## PHILADELPHIA PATTERN.




| 7½ in. | 8 in. | 8½ in. | 9 in. | 9½ in. | 10 in. | 10½ in. | |
|---|---|---|---|---|---|---|---|
| $9.00 | 9.50 | 10.00 | 10.50 | 11.00 | 11.50 | 12.00 | per doz. |
| 11 in. | 11½ in. | 12 in. | 12½ in. | 13 in. | 13½ in. | 14 in. | |
| $12.50 | 13.00 | 13.50 | 14.25 | 15.00 | 15.75 | 16.50 | per doz. |

## POINTING TROWEL, SOLID SHANK.



| 4 in. | 4½ in. | 5 in. | 5½ in. | 6 in. | |
|---|---|---|---|---|---|
| $4.25 | 4.50 | 4.75 | 5.00 | 5.25 | per doz. |

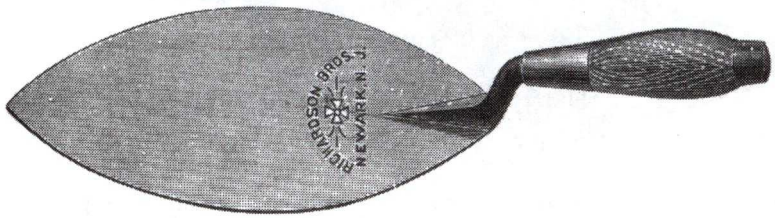
## BRICKLAYERS' POINTING TROWELS.

Price..... $6.00 per doz.

The above in half-dozen boxes.

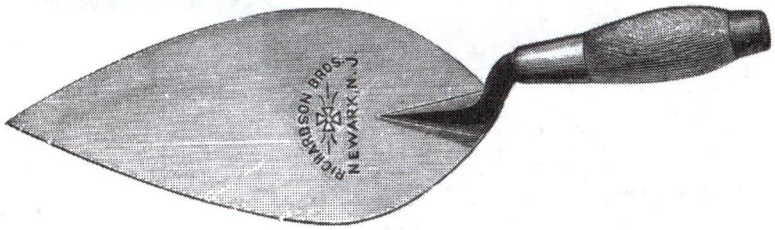
# BRICK TROWELS.—Continued.

## CUCUMBER PATTERN.



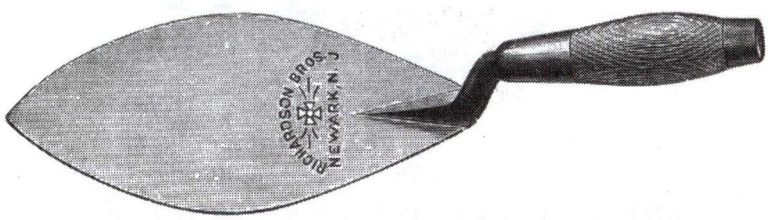

| 6 in | 6½ in. | 7 in. | 7½ in. | 8 in. | 8½ in. | 9 in. | 9½ in. | 10 in. | 10½ in. |
|---|---|---|---|---|---|---|---|---|---|
| $5.50 | 6.00 | 6.50 | 7.00 | 7.50 | 8.00 | 8.50 | 9.00 | 9.50 | 10.00 per doz. |

## BOSTON PATTERN.




| 6 in. | 6½ in. | 7 in. | 7½ in. | 8 in. | 8½ in. | 9 in. | 9½ in. | 10 in. | 10½ in. |
|---|---|---|---|---|---|---|---|---|---|
| $5.50 | 6.00 | 6.50 | 7.00 | 7.50 | 8.00 | 8.50 | 9.00 | 9.50 | 10.00 per doz. |

## LOWELL PATTERN.



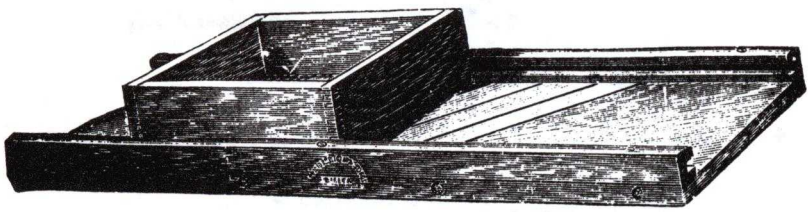

| 6 in. | 6½ in. | 7 in. | 7½ in. | 8 in. | 8½ in. | 9 in. | 9½ in. | 10 in. | 10½ in. |
|---|---|---|---|---|---|---|---|---|---|
| $5.50 | 6.00 | 6.50 | 7.00 | 7.50 | 8.00 | 8.50 | 9.00 | 9.50 | 10.00 per doz. |

# RICHARDSON BROTHERS.

## SLAW CUTTERS.

| | |
|---|---|
| 1 Knife, Adjustable Blade | $2.75 per dozen. |
| 2 Knives, " " | 4.00 " |
| 3 " " " | 5.00 " |
| Vegetable Cutter, Adjustable Blade | 1.80 " |

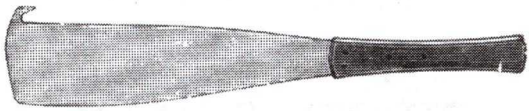
## CROUT CUTTERS.



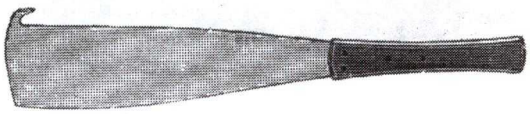
| | |
|---|---|
| 1 Knife, with Box, 24 x 7 | $12.75 per dozen. |
| 2 Knives, " 24 x 7 | 13.50 " |
| 3 " " 24 x 7 | 14.25 " |
| 4 " " 24 x 7 | 15.00 " |
| 2 " " 30 x 9 | 23.00 " |
| 3 " " 30 x 9 | 27.00 " |
| 4 " " 30 x 9 | 32.25 " |
| 2 " 36 x 12 | 3.75 each. |
| 3 " 36 x 12 | 4.25 " |
| 4 " 40 x 12 | 5.50 " |
| 5 " 40 x 12 | 6.00 " |
| 6 " 40 x 12 | 7.00 " |

# CANE KNIVES.

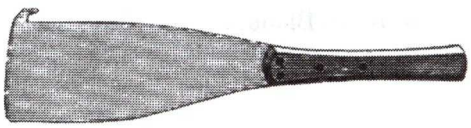
We have all the different patterns, embracing Louisiana, Texas, Cuba, South America, etc.



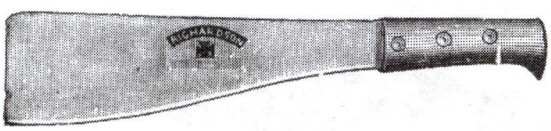
No. 1..... $7.50 per dozen.



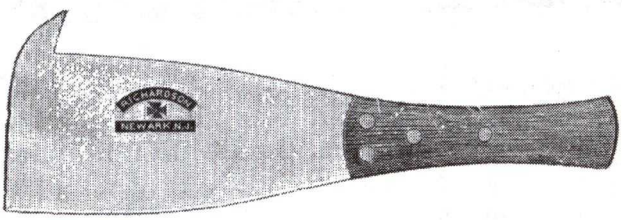
No. 2..... $7.50 per dozen.



No. 3..... $7.50 per dozen.




No. 4..... $7.50 per dozen.




No. 5..... $7.50 per dozen.

Special patterns made to order. Also Mowing, Reaping and Tobacco Knives, Square and Bevel Blades, Moulding Irons, Slat and Mitre Cutters, and every other description of Knives and Springs, made from Sheet Cast Steel, to order.

# RICHARDSON BROTHERS'

# FILE LIST.

## MILL AND ROUND.

| INCH | BASTARD. | 2d CUT. | SMOOTH. |
|---|---|---|---|
| 4 | $1.80 | $2.15 | $2.40 |
| 5 | 2.00 | 2.40 | 2.65 |
| 6 | 2.25 | 2.65 | 2.95 |
| 7 | 2.55 | 3.00 | 3.30 |
| 8 | 2.90 | 3.40 | 3.70 |
| 9 | 3.30 | 3.85 | 4.20 |
| 10 | 3.80 | 4.40 | 4.80 |
| 11 | 4.50 | 5.20 | 5.65 |
| 12 | 5.40 | 6.20 | 6.75 |
| 13 | 6.50 | 7.45 | 8.05 |
| 14 | 7.80 | 8.90 | 9.65 |
| 15 | 9.30 | 10.60 | 11.45 |
| 16 | 11.00 | 12.50 | 13.40 |
| 17 | 12.90 | 14.60 | 15.60 |
| 18 | 15.10 | 16.90 | 18.10 |
| 19 | 17.60 | 19.70 | 21.10 |
| 20 | 20.40 | 22.85 | 24.50 |

**EXTRAS.**

MILL DOUBLE CUT, . advance 1 in.
MILL NARROW POINTS, " 1 in.
CROSS CUT BLUNT, " 1 in.

## FLAT AND SQUARE.

| INCH | BASTARD. | 2d CUT. | SMOOTH. |
|---|---|---|---|
| 4 | $2.00 | $2.40 | $2.65 |
| 5 | 2.20 | 2.60 | 2.90 |
| 6 | 2.50 | 2.95 | 3.25 |
| 7 | 2.90 | 3.40 | 3.75 |
| 8 | 3.40 | 4.00 | 4.35 |
| 9 | 4.00 | 4.70 | 5.10 |
| 10 | 4.70 | 5.45 | 5.90 |
| 11 | 5.60 | 6.50 | 7.05 |
| 12 | 6.70 | 7.70 | 8.40 |
| 13 | 8.00 | 9.15 | 10.00 |
| 14 | 9.50 | 10.90 | 11.80 |
| 15 | 11.20 | 12.75 | 13.75 |
| 16 | 13.10 | 14.85 | 16.00 |
| 17 | 15.25 | 17.25 | 18.45 |
| 18 | 17.65 | 19.75 | 21.20 |
| 19 | 20.30 | 22.75 | 24.35 |
| 20 | 23.20 | 26.00 | 27.85 |

**EXTRAS.**

CANT BLUNT (DOUBLE), advance 2 ins.

## HAND, WARDING & PILLAR.

| INCH. | BASTARD. | 2d CUT. | SMOOTH. |
|---|---|---|---|
| 4 | $2.25 | $2.70 | $3.00 |
| 5 | 2.50 | 3.00 | 3.30 |
| 6 | 2.80 | 3.30 | 3.65 |
| 7 | 3.20 | 3.75 | 4.15 |
| 8 | 3.70 | 4.35 | 4.75 |
| 9 | 4.35 | 5.10 | 5.55 |
| 10 | 5.20 | 6.00 | 6.55 |
| 11 | 6.30 | 7.30 | 7.95 |
| 12 | 7.50 | 8.60 | 9.40 |
| 13 | 8.90 | 10.20 | 11.00 |
| 14 | 10.50 | 12.00 | 13.00 |
| 15 | 12.30 | 14.00 | 15.10 |
| 16 | 14.30 | 16.20 | 17.50 |
| 17 | 16.60 | 18.75 | 20.10 |
| 18 | 19.20 | 21.50 | 23.00 |
| 19 | 22.10 | 24.75 | 26.50 |
| 20 | 25.30 | 28.35 | 30.35 |

**EXTRAS.**

GINSAW (SINGLE), take bastard price.
SLOTTING (BLUNT), advance 2 ins.

## HALF RD. & THREE SQ.

| INCH. | BASTARD | 2d CUT. | SMOOTH. |
|---|---|---|---|
| 4 | $2.50 | $3.00 | $3.30 |
| 5 | 2.80 | 3.35 | 3.70 |
| 6 | 3.20 | 3.80 | 4.15 |
| 7 | 3.70 | 4.35 | 4.80 |
| 8 | 4.30 | 5.00 | 5.50 |
| 9 | 5.00 | 5.85 | 6.40 |
| 10 | 5.80 | 6.75 | 7.30 |
| 11 | 6.70 | 7.75 | 8.45 |
| 12 | 7.80 | 9.00 | 9.75 |
| 13 | 9.10 | 10.40 | 11.25 |
| 14 | 10.60 | 12.10 | 13.10 |
| 15 | 12.40 | 14.15 | 15.25 |
| 16 | 14.50 | 16.50 | 17.70 |
| 17 | 16.90 | 19.10 | 20.50 |
| 18 | 19.60 | 22.00 | 23.50 |
| 19 | 22.60 | 25.30 | 27.10 |
| 20 | 26.00 | 29.10 | 31.20 |

**EXTRAS.**

KNIFE, . . . . . advance 1 in.
HIGH BACK HF. RD. (Blunt) " 2 "
CROSS, " " 2 "
FEATHER EDGE, " " 2 "

| Inch | 3 | 3½ | 4 | 4½ | 5 | 5½ | | 7 | 8 | 9 | 1 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tapers, Single Cut | 1.10 | 1.10 | 1.20 | 1.40 | 1.70 | 2.00 | 2.40 | 3.00 | 3.80 | 4.60 | 5.70 | 7.20 | 9.00 | 11.00 | 13.20 |
| " Double " | 1.60 | 1.60 | 1.75 | 2.00 | 2.40 | 2.75 | 3.25 | 4.00 | 4.95 | 5.90 | 7.10 | 8.80 | 10.80 | 12.90 | 15.20 |
| Slim Tapers, Single " | 1.20 | 1.20 | 1.30 | 1.45 | 1.70 | 1.90 | 2.10 | 2.50 | 3.00 | 3.70 | 4.50 | 5.50 | 6.80 | 8.30 | 10.00 |
| " " Double " | 1.80 | 1.80 | 1.90 | 2.10 | 2.40 | 2.60 | 2.85 | 3.30 | 3.90 | 4.70 | 5.60 | 6.75 | 8.20 | 9.75 | 11.50 |
| Reversible Taper, without Handle | .... | .... | .... | .... | .... | .... | .... | 2.40 | 2.60 | 2.90 | 3.40 | .... | .... | .... | .... |
| " " with " | .... | .... | .... | .... | .... | .... | .... | 2.55 | 2.80 | 3.15 | 3.70 | .... | .... | .... | .... |
| Pitsaw Blunt, Single Cut | 2.10 | 2.10 | 2.20 | 2.30 | 2.50 | 2.80 | 3.20 | 3.70 | 4.30 | 5.00 | 5.80 | 6.70 | 7.70 | .... | .... |
| Hooktooth Blunt, " | .... | .... | .... | .... | .... | .... | 3.60 | 3.90 | 4.40 | 5.10 | 6.00 | 7.10 | 8.40 | .... | .... |

## EXTRAS.

Bandsaw, Heavy. Blunt, take Taper Double Cut Price. } Taper Points, same price.
" Light, " " Slim Taper " " }
Cantsaw, Blunt, Single Cut, } Take Pitsaw Price.
Round Gulleting, " " " }
Round Off, " " " } Take Hooktooth Price.
Last Makers' Rasp advance one inch over Cabinet.

| Inch | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Horse Rasps, Plain | .... | .... | .... | .... | 6.50 | 7.50 | 9.00 | 10.70 | 12.70 | 15.00 | 17.60 | 20.50 | 23.70 |
| Horse Rasps, Beveled and ¾ Rasp | .... | .... | .... | .... | 7.20 | 8.30 | 10.00 | 11.80 | 14.00 | 16.50 | 19.40 | 22.50 | 26.00 |
| Horse Rasps, Tanged | .... | .... | .... | .... | 9.00 | 10.25 | 12.00 | 14.00 | 16.50 | 19.50 | 23.00 | .... | .... |
| Wood Rasps, Half Round and Flat | 4.20 | 5.00 | 6.10 | 7.30 | 8.75 | 10.40 | 12.30 | 14.50 | 16.90 | 19.60 | 22.50 | .... | .... |
| Cabinet - Rasps | 6.00 | 7.00 | 8.20 | 9.60 | 11.20 | 13.00 | 15.00 | 17.20 | 19.60 | 22.20 | 25.00 | .... | .... |
| Cabinet - Files | 4.20 | 5.00 | 6.10 | 7.30 | 8.75 | 10.40 | 12.30 | 14.50 | 16.90 | 19.60 | 22.50 | .... | .... |
| Shoe Rasps, Half Round and Flat | 4.60 | 5.30 | 6.10 | 7.00 | 8.00 | 9.10 | 10.30 | 11.60 | 13.00 | .... | .... | .... | .... |
| Shoe Rasps, Oval | 5.30 | 6.10 | 7.00 | 8.00 | 9.10 | 10.30 | 11.60 | .... | .... | .... | .... | .... | .... |

## EXTRAS.

File Rasps, Flat and Half Round, take Flat and Half Round Wood Rasp price.
Wood Files, " " " " " " " " Bastard "

## EXTRAS (GENERAL).

**One Round Edge**, advance 7 1-2 per cent., and **Two Round Edges**, 15 per cent. on respective Kinds and Cuts.
**Blunt Files**, not specified, advance one inch on respective Kinds and Cuts. **Dead Smooth**, double the price of Bastard Cut.
**Equalings** (Bellied), advance two inches on respective Kinds and Cuts.
**Sizes Below 4 Inches**, not extended, take 4 inch price; **1-2 inches not specified**, take next higher full-inch price.
**Rough, Coarse, Union Cut, Brass, or other than regular Cuts**, not specified, made upon Regular or Standard Shaped Blanks, advance one inch on respective Kinds and Cuts.
**Single or Float Cut**, not specified, on Regular Shapes, take Double Cut Price.

THE

# WHEELER, MADDEN & CLEMSON MFG. CO.

MIDDLETOWN, N. Y.

# SAWS

AS MANUFACTURED BY

# THE NATIONAL SAW COMPANY

MAIN OFFICE

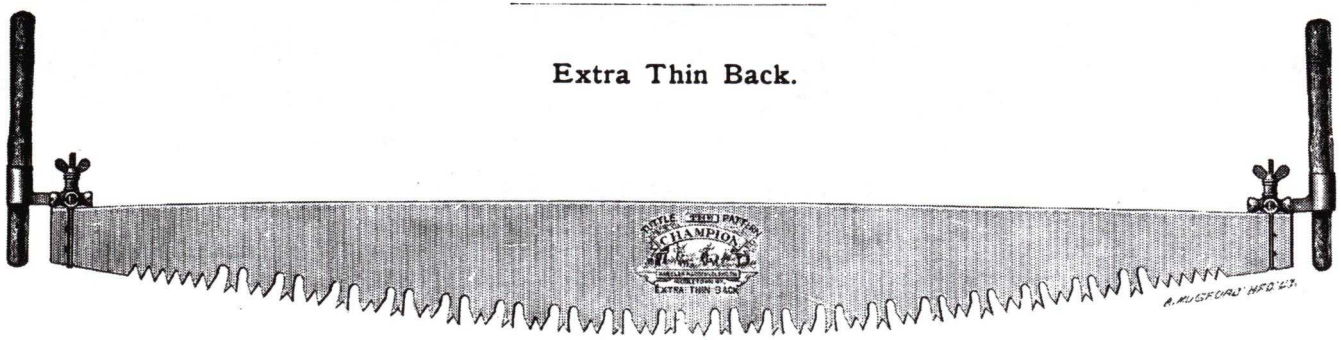
NEWARK, N. J.

Circular Saws, made at our Newark and Cincinnati Factories only, for List see page - 6
Mulay Saws, " " - 16
Mill Saws, " " - 16
Gang Saws, " " - 17
Drag Saws, " " - 18
Pit Saws, " " - 19
Pond and Hand Ice Saws, " " - 20

# CROSS-CUT SAWS.

## THE "CHAMPION" SAW STANDS WITHOUT A RIVAL.

**Extra Thin Back.**




The word "CHAMPION" as applied to Saws is our exclusive trade mark, being registered Sept. 24th, 1874, and same must not be used on Saws, or the wrappers or packages in which Saws are sold, which are not our make. Our rights to the sole use of this trade mark have been fully sustained by a decision of the United States Supreme Court, and we must caution the trade against buying imitations of this Saw, stamped or etched the "CHAMPION," as all such are infringements of our trade mark. We will be obliged to protect by all legal means the reputation for quality on this brand which we have been so long in building up to its present standing. We have spent many years and a large amount of capital in inventing and making new machinery and improved methods, by means of which this Saw has been brought to the high position it now holds as the leading Cross-Cut in all sections, there being more Champion Tooth Saws sold every year than all other kinds of Cross-Cuts combined. No hardware stock is complete without a full line of these Saws.

# CROSS-CUT SAWS.

## CHAMPION TOOTH.

No. 1. Four gauges thinner on back than on teeth (14x18 gauge).

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.32 | $2.61 | $2.90 | $3.19 | $3.48 | $3.77 | $4.06 | $4.35 | $4.64 each. |

No. 2. Two gauges thinner on back than on teeth (14x16 gauge).

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.16 | $2.43 | $2.70 | $2.97 | $3.24 | $3.51 | $3.78 | $4.05 | $4.32 each. |

## EXTRA CHAMPION TOOTH.

Double Refined Cast Steel. Extra Tooth Pat. April 14, 1874.

Extra Thin Back, 14 Gauge on Tooth, 18 Gauge on Back.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $3.20 | $3.60 | $4.00 | $4.40 | $4.80 | $5.20 | $5.60 | $6.00 | $6.40 each. |

# CROSS-CUT SAWS.

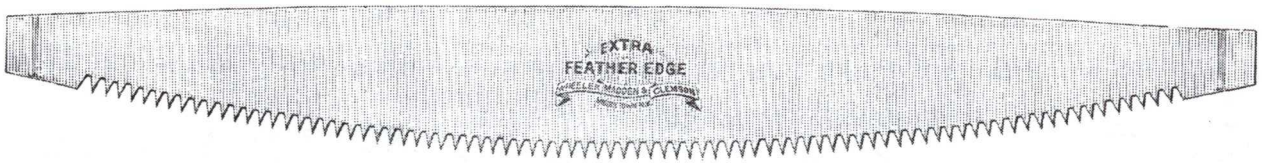
## TUTTLE TOOTH.

No. 1, Extra Thin Back, 14 Gauge on Tooth, 18 Gauge on Back. No. 2, Thin Back, 14 Gauge on Tooth, 16 Gauge on Back.

| | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|---|
| No. 1... | $2.56 | $2 88 | $3.20 | $3.52 | $3.84 | $4.16 | $4.48 | $4.80 | $5.50 each. |
| " 2... | 2.40 | 2.70 | 3.00 | 3.30 | 3.60 | 3.90 | 4.20 | 4.50 | 4.80 " |

We make the regular Champion Tooth in three sizes, viz., fine, medium and coarse or regular teeth, to suit different sections and kinds of wood. Unless otherwise specified, the coarse tooth is always sent.

## FEATHER EDGE TOOTH.

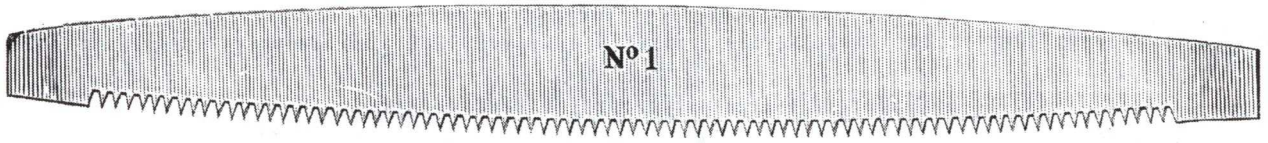



Feather Edge, Thin Back, 14 Gauge on Tooth, 16 Gauge on Back. Feather Edge, Extra Thin Back, 14 Gauge on Tooth, 18 Gauge on Back.

| | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|---|
| No. 1, Thin Back..... | $2.32 | $2.61 | $2.90 | $3.19 | $3.48 | $3.77 | $4.06 | $4.35 | $4.64 each. |
| No. 2, Extra Thin Back.... | 2.56 | 2.88 | 3.20 | 3.52 | 3.84 | 4.16 | 4.48 | 4.80 | 5.12 " |

# CROSS-CUT SAWS.

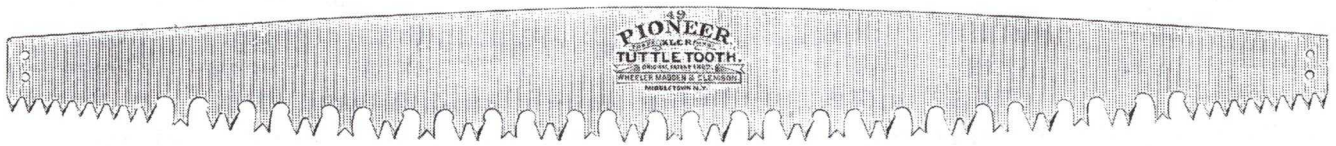
## COMMON TOOTH.




Thin Back, 14 Gauge on Tooth, 16 Gauge on Back. Extra Thin Back, 14 Gauge on Tooth, 18 Gauge on Back.

| | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|---|
| No. 1, Thin Back..... | $2.16 | $2.43 | $2.70 | $2.97 | $3.24 | $3.51 | $3.78 | $4.05 | $4.32 each. |
| No. 2, Extra Thin Back... | 2.32 | 2.61 | 2.90 | 3.19 | 3.48 | 3.77 | 4.06 | 4.35 | 4.64 " |

## PIONEER TUTTLE TOOTH.



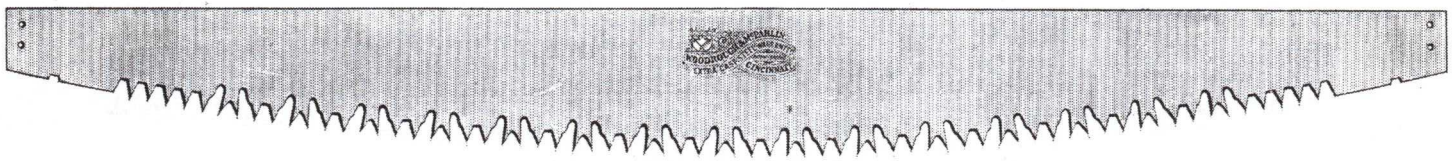

Extra Thin Back, 5 Gauges Thinner on Back than on Tooth.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $4.00 | $4.50 | $5.00 | $5.50 | $6.00 | $6.50 | $7.00 | $7.50 | $8.00 each. |

The thickness on tooth and back of this Saw varies according to the length of blade, being heavier in the longer plates to give it the requisite stiffness to stand up to its work in the heavy timber of the Pacific coast, where it is very largely used, and it is particularly adapted to that class of work. With our many years' experience and knowledge of what is required for this region, we believe these Saws, as now made, answer the purpose much better than any others offered.

# CROSS-CUT SAWS.

## ELECTRIC TOOTH.



Extra Thin Back, 14 Gauge on Tooth, 18 Gauge on Back.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.56 | $2.88 | $3.20 | $3.52 | $3.84 | $4.16 | $4.48 | $4.80 | $5.12 each. |

## DOUBLE HOOK TOOTH.

Extra Thin Back, 14 Gauge on Tooth, 18 Gauge on Back.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.56 | $2.88 | $3.20 | $3.52 | $3.84 | $4.16 | $4.48 | $4.80 | $5.12 each. |

# CROSS-CUT SAWS.

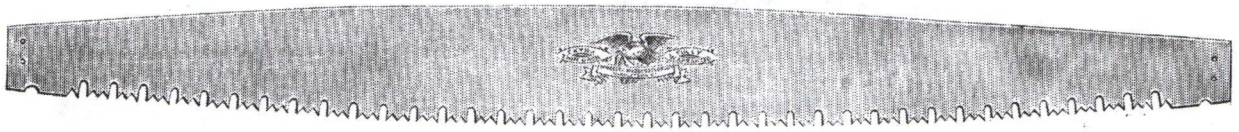
## THE MONARCH TOOTH.

Extra Thin Back, 14 Gauge on Tooth, 18 Gauge on Back.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $4.00 | $4.50 | $5.00 | $5.50 | $6.00 | $6.50 | $7.00 | $7.50 | $8.00 each. |

We make a special steel for the Monarch Saw, and take extra care in manufacturing them. They are especially adapted for hard wood, and are the fastest cutting Saws in this class of timber that are now made.

## FAVORITE TOOTH.



Extra Thin Back, 14 Gauge on Tooth, 18 Gauge on Back.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.56 | $2.88 | $3.20 | $3.52 | $3.84 | $4.16 | $4.48 | $4.80 | $5.12 each. |

# CROSS-CUT SAWS.—Excelsior Tooth.

Extra Thin Back, 14 Gauge on Tooth, 18 Gauge on Back.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.56 | $2.88 | $3.20 | $3.52 | $3.84 | $4.16 | $4.48 | $4.80 | $5.12 each. |

## PREMIUM TOOTH.

Extra Thin Back, 14 Gauge on Tooth, 18 Gauge on Back.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $4.00 | $4.50 | $5.00 | $5.50 | $6.00 | $6.50 | $7.00 | $7.50 | $8.00 each. |

The above Saws, in the Razor Grade, are the finest finished and handsomest appearing Saws that have yet been produced. There is no better steel for sawing wood than they are made of, and they are perfect in every detail. We guarantee them to give satisfaction

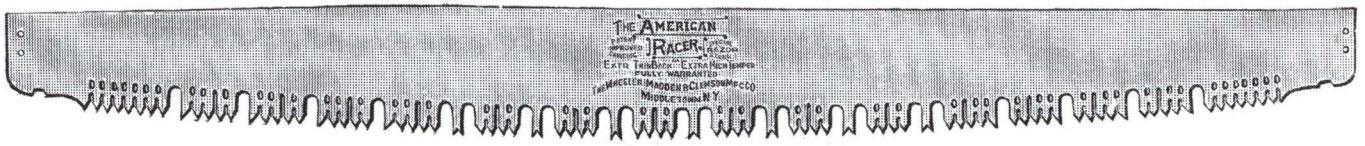
## THE LANCE TOOTH.

Extra Thin Back, 14 Gauge on Tooth, 18 Gauge on Back.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.56 | $2.88 | $3.20 | $3.52 | $3.84 | $4.16 | $4.48 | $4.80 | $5.12 each. |

# CROSS-CUT SAWS.

## THE AMERICAN RACER TOOTH.




Razor Steel, Extra Thin Back, Ground 5 Gauges Thinner on Back than on Tooth.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $4.00 | $4.50 | $5.00 | $5.50 | $6.00 | $6.50 | $7.00 | $7.50 | $8.00 each. |

## NATIONAL TOOTH.

Razor Steel, Extra Thin Back, Ground 5 Gauges Thinner on Back than on Tooth.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $4.00 | $4.50 | $5.00 | $5.50 | $6.00 | $6.50 | $7.00 | $7.50 | $8.00 each. |

The above Saws, in Razor Steel grade, are of an even gauge from end to end, both on Tooth and Back, and being ground a true taper throughout from Tooth to Back will retain their even gauge as the Saw wears down—a very important feature. They are made from the very best of Crucible Steel, have an Extra High and Uniform Temper, are Set and Sharpened ready for use, and are thoroughly extra grade goods in every respect.

All Razor Steel Saws are wrapped in paper and have a wooden strip to protect the teeth, so they can be shipped separately.

# NARROW CROSS-CUT SAWS.

## WITHOUT HANDLES.

| | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. | |
|---|---|---|---|---|---|---|---|---|---|---|
| Champion Tooth..... | $1.44 | $1.62 | $1.80 | $1.98 | $2.16 | $2.34 | $2.52 | $2.70 | $2.88 | each. |
| Diamond and Special Teeth. | 1.52 | 1.71 | 1.90 | 2.09 | 2.28 | 2.47 | 2.66 | 2.85 | 3.04 | " |

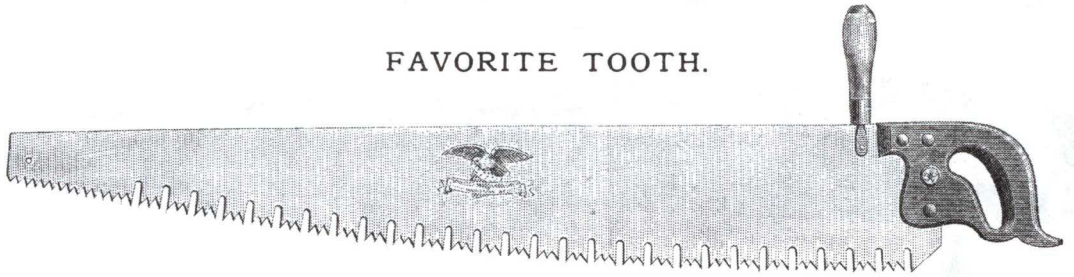
# ONE MAN CROSS-CUT SAWS.

## THE "CHAMPION" TOOTH.

| | 3 ft. | 3½ ft. | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | |
|---|---|---|---|---|---|---|---|
| The Champion Tooth..... | $2.25 | $2.60 | $3.00 | $3.35 | $3.70 | $4.10 | each. |

# ONE MAN CROSS-CUT SAWS.

## FAVORITE TOOTH.



| | 3 ft. | 3½ ft. | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. |
|---|---|---|---|---|---|---|
| Favorite Tooth..... ..... | $2.55 | $2.75 | $3.25 | $3.65 | $4.10 | $4.55 each. |

The One Man Saw can also be furnished in any of the other leading kinds of teeth. They are ground thinner on the back than on tooth and have all the latest improvements. Packed in neat wooden cases of six Saws each. Very convenient for storing and handling.

## RAZOR STEEL, HOLLOW BACK, ONE MAN SAWS.

| | 3 ft. | 3½ ft. | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. |
|---|---|---|---|---|---|---|
| Champion or other style Tooth..... | $2.64 | $3.08 | $3.52 | $3.96 | $4.40 | $4.84 each. |

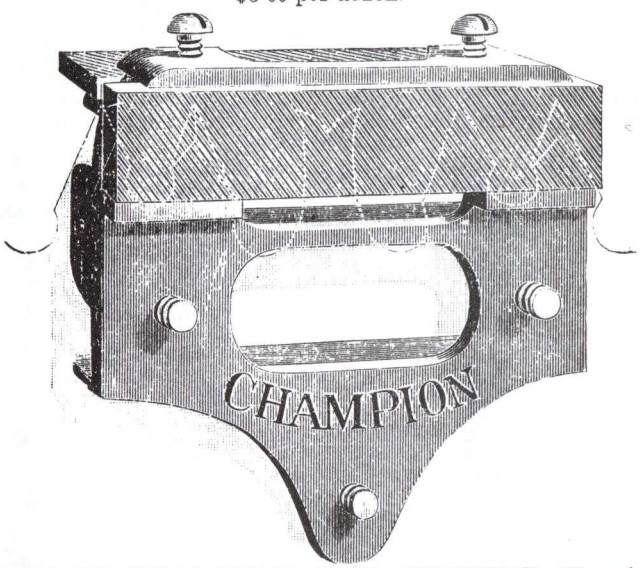
These Saws are made from our Special Razor Steel, are Hollow Back, have a Mirror Finish and Carved Black Walnut Handles, with Top Handle of same wood. Three Improved Screws, one Embossed. The finest One Man Saw made.

# CHAMPION TOOLS.

## For Fitting Cross-Cut Saws, in Extra Fine Order.

### CHAMPION GAUGE.

For regulating length of Raker Teeth Applicable to any Saw with Rakers.
$3 00 per dozen.




### CHAMPION SIDE FILE AND JOINTER (Combined).

Complete with Files, as shown in cut..... .....Price, $4.20 per doz.

### CHAMPION SWAGE.

For Swaging Raker Teeth..... ..... .....Price, $3.00 per doz.
One Set Complete, packed in box ..... .... ..... ..... " 85c. " set.
Directions for use sent with tools.

### RAKER GAUGES.

For Filing Raker Teeth in Cross-cut Saws ..... .....Price, 50c. per doz.

# CROSS-CUT HANDLES.

**No. 8.**

**Patent Handle.**

Patented July 10, 1888.

This Handle can be used on our narrow Saws only. For this purpose it is a cheap and very strong, serviceable Handle.

Price, per pair..... 25 cents.
200 pairs in case.

**No. 11.**

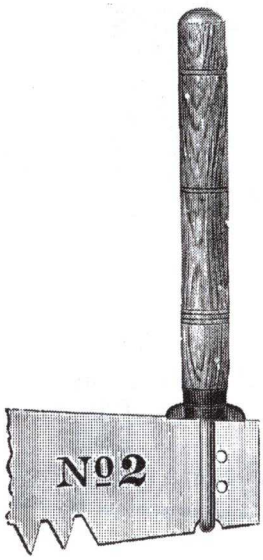
**Patent Handle.**

Our New Reversible Handle.

It is the latest and best Handle of this class on the market. Can be easily and quickly adjusted, for either cutting down trees or regular sawing.

Price, per pair..... 40 cents.
200 pairs in case.

**No. 2. Patent Handle.**

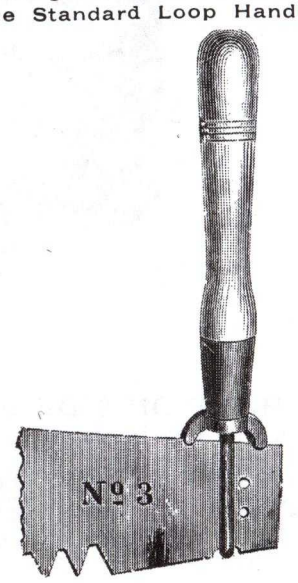



A well-made and first-class Loop Handle. Can be readily attached and removed from either wide or narrow Saws.

Price, per pair..... 40 cents.
200 pairs in case.

**No. 3. Patent Handle.**

The Standard Loop Handle.




The ironwork is extra heavy and strong, and they are made to wear. The leading Loop Handle made.

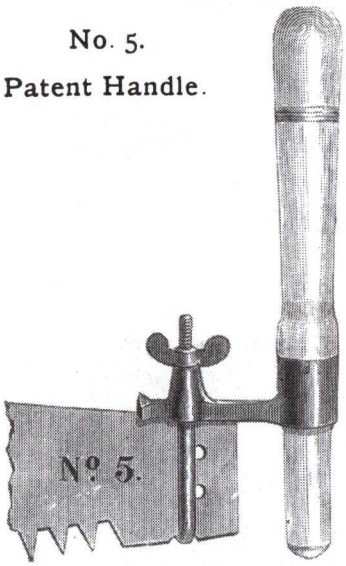
Price, per pair..... 45 cents.
100 pairs in case.

Common Turned Handles, per dozen pairs..... $1.00

# CROSS-CUT HANDLES.

**No. 5.**

**Patent Handle.**



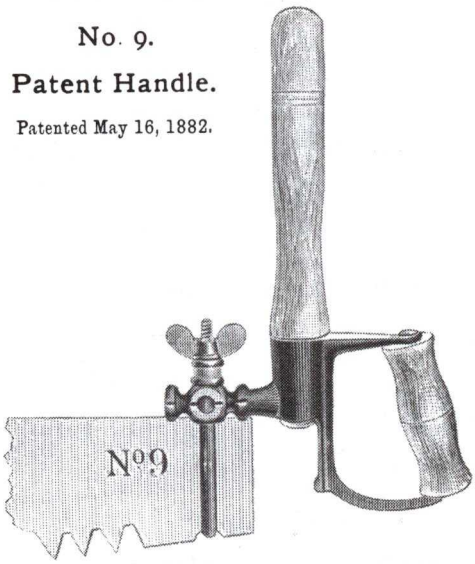

The use of this Handle practically adds half a foot to the cutting capacity of a Saw, and is the only style one whereby the propelling force may be applied on a direct line with the teeth.

Price, per pair.....50 cents.

**No. 9.**

**Patent Handle.**

Patented May 16, 1882.



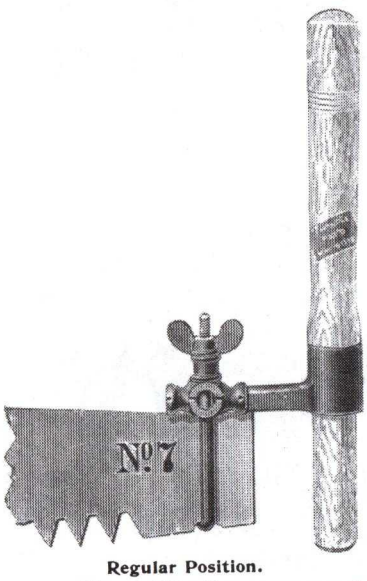

This new Handle is the strongest, finest finished and altogether the best Handle made. It is particularly adapted for sawing down trees.

Price, per pair.....$1.25

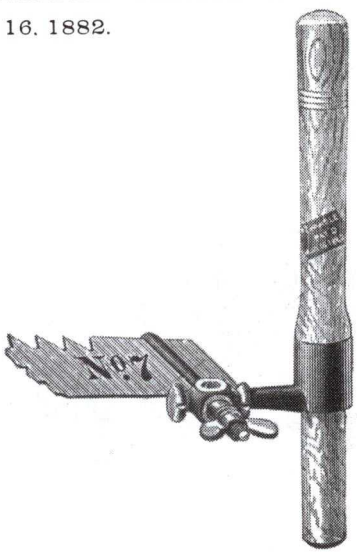
100 Pairs in case.

## THE No. 7 PATENT REVERSIBLE HANDLE.

Patented May 16. 1882.




**Regular Position.**

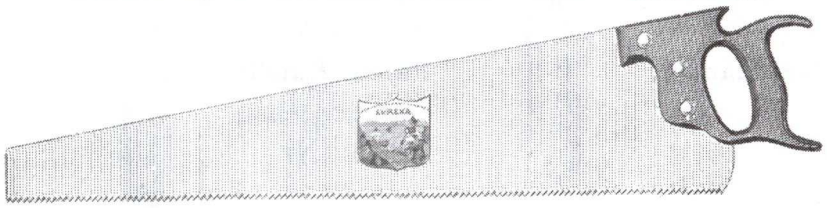



**Adjusted for Sawing Down Trees.**

We confidently recommend this Handle as having many points of superiority over any competitors. It is made in a very strong and substantial manner for use on the largest and heaviest Saws The sale of them is increasing largely every year, and they are rapidly supplanting all others wherever introduced.

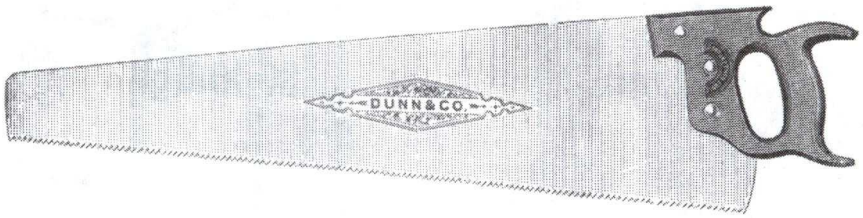
Price, per pair (100 pairs in case).....60 cents.

# HAND, PANEL AND RIP SAWS.




"Eureka."

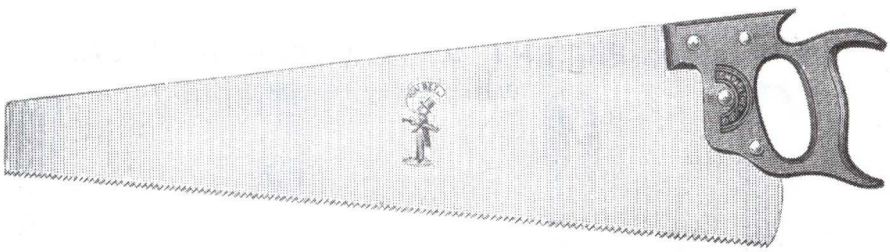
Price (26 inches), per dozen..... .....$6.00




**Dunn & Co. Cast Steel.**

Beech Handles. Three Improved Screws.

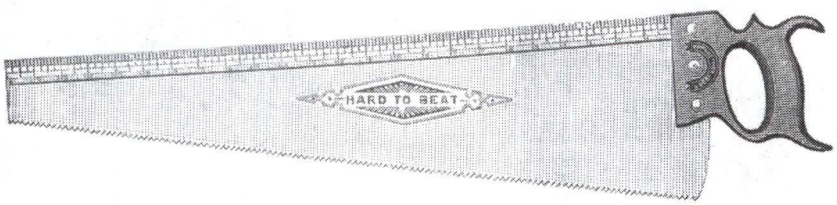
| Length, inches, | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 8.50 | 10.00 |



**No. 0. Cast Steel.**

Beech Handles. Four Improved Screws.

| Length, inches, | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 |
|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $6.00 | 6.50 | 7.25 | 7.50 | 7.75 | 8.00 | 8.50 | 9.50 |



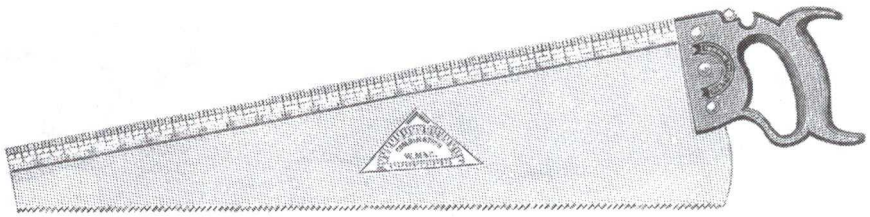

**"Hard to Beat." Cast Steel.**

Beech Handles. Three Improved Screws. Etched on one side only.

Price, per dozen.....$8.00

Above one-half dozen in box.

# HAND, PANEL AND RIP SAWS.



**Combination. Cast Steel.**

Beech Handles, 24-inch Square and Rule, Straight Edge and Scratch Awl. Etched on both sides.

Price, per dozen..... $11.00

**No. 8. Cast Steel.**

Beech Handles.

| Length, inches, | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 |
|---|---|---|---|---|---|---|---|---|
| Price, per dozen, | $6.50 | 7.50 | 8.50 | 9.50 | 10.00 | 10.50 | 11.00 | 13.00 |

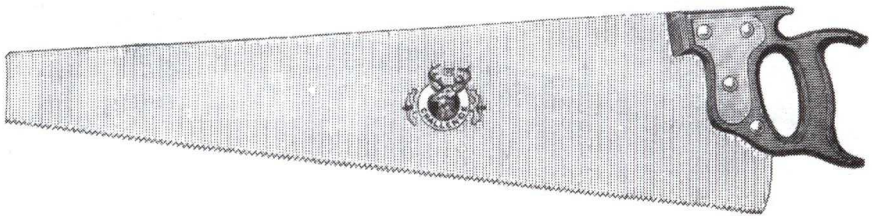
**No. 2. Black Walnut Handle.**

Steel Plate, Glazed Blade, Three Raised Brass Screws.

| Length, inches..... | 26 | 28 | 30 |
|---|---|---|---|
| Price, per dozen..... | $8.00 | 9.50 | 11.00 |

Above one-half dozen in box.

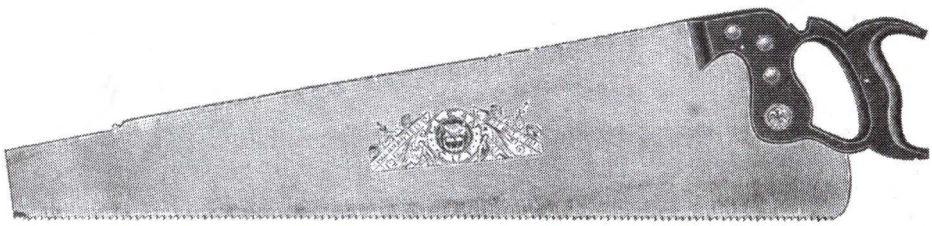
# HAND, PANEL AND RIP SAWS.



**No. 52. Cast Steel.**

Black Walnut Handles. With Steel Plate.

| | | |
|---|---|---|
| Length, inches | 26 | 28 |
| Price, per dozen | $9.50 | 12.50 |

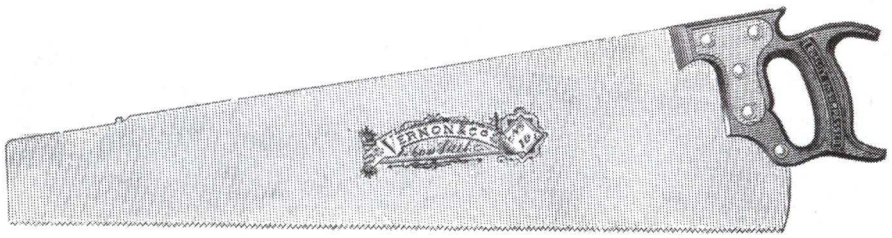


**No. 51. Cast Steel.**

Black Walnut or Ebonized Handles, Polished Edges, Four Improved Screws.

| Length, inches, | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $7.00 | 8.00 | 9.00 | 10.25 | 11.50 | 12.75 | 13.50 | 16.50 | 18.50 |

Above one-half dozen in box.



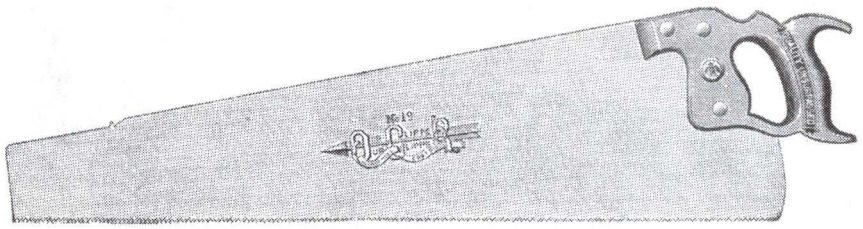

**No. 10. Cast Steel.**

Full Width, Black Walnut Handles, with Steel Plate.

| Length, inches, | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $8.00 | 9.00 | 10.00 | 11.25 | 12.50 | 13.75 | 14.50 | 17.50 | 20.00 |

Above one-third dozen in box.

# HAND, PANEL AND RIP SAWS.



**No. 19. Cast Steel.**

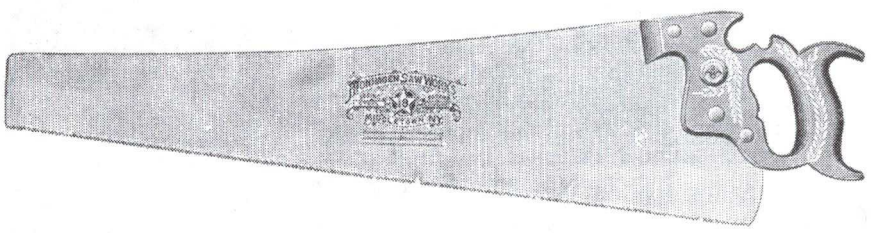
Beech Handle, Polished Edges, Four Improved Screws.

| Length, inches, | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $7.00 | 8.00 | 9.00 | 10.00 | 10.75 | 11.75 | 12.75 | 14.50 | 16.50 |

**No. 12. Cast Steel.**

Full Width. Warranted. Beech Handle, Polished Edges, Five Improved Screws.

| Length, inches, | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $9.00 | 10.00 | 11.50 | 12.50 | 13.25 | 14.00 | 14.75 | 16.00 | 17.50 |



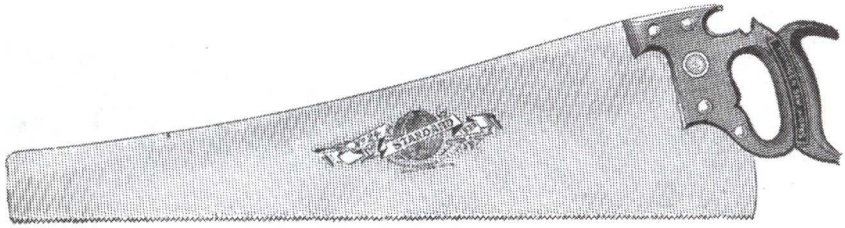
**No. 18. Spring Steel.**

Carved and Side Polished Apple Handle, Hollow Back, Five Improved Screws.

| Length, inches, | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $12.00 | 13.00 | 14.00 | 16.00 | 18.00 | 19.00 | 20.00 | 23.50 | 27.00 |

Above one-third dozen in box.

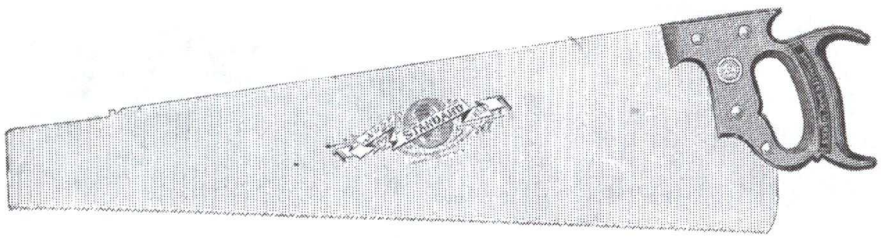
# HAND, PANEL AND RIP SAWS.




**No. 24. Cast Steel.**

Warranted. Beech Handles, Five Improved Screws, Improved Patent Close-up Handle. Hollow Back.

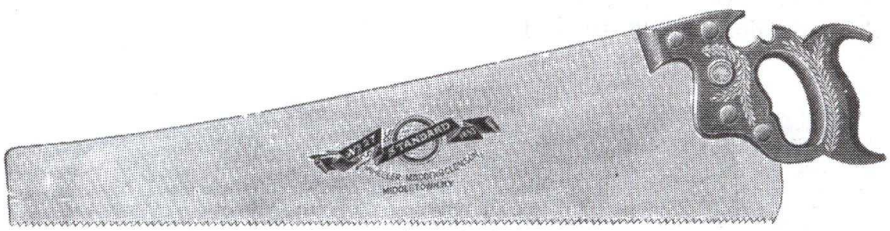
| Length, inches, | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $13.00 | 14.00 | 16.00 | 18.00 | 19.00 | 20.00 | 23.50 | 27.00 |




**No. 25. Spring Steel.**

Warranted. Beech Handles, Five Improved Screws.

| Length, inches, | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $12.00 | 13.00 | 14.00 | 16.00 | 18.00 | 19.00 | 20.00 | 23.50 | 27.00 |




**No. 27. Spring Steel.**

Warranted. Apple Handles, Side Polished and Carved, Improved Patent Close-up Handle. Hollow Back.

| Length, inches, | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $14.50 | 16.00 | 17.50 | 19.50 | 21.00 | 22.00 | 25.00 | 28.00 |

## SHIP CARPENTERS' SAWS.

Made in any quality of our brands, at their respective prices.

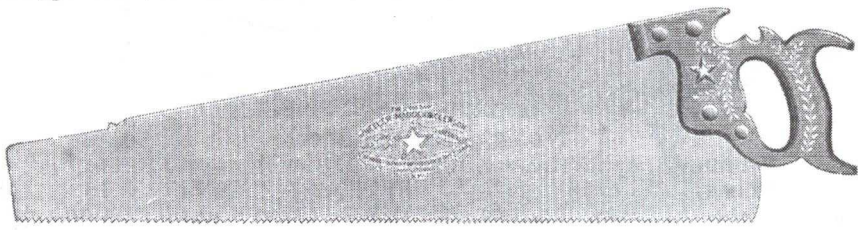
Above one-third dozen in box.

# HAND, PANEL AND RIP SAWS.

**No. 999. Extra Refined Spring Steel.**

Polished and Carved Apple Handles, Five Improved Screws. Fully Warranted.

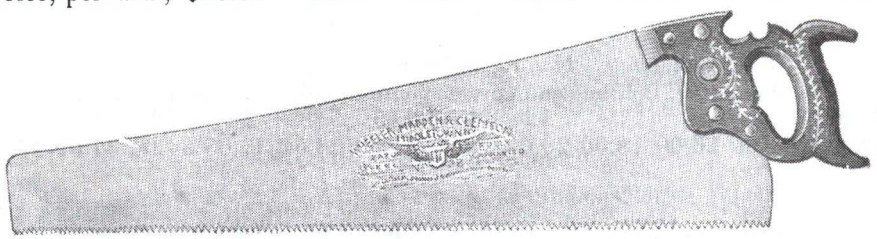
| Length, inches, | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $18.00 | 20.00 | 22.00 | 24.00 | 26.00 | 28.00 | 30.00 | 33.00 | 38.00 |



**Star. Double Extra Refined Spring Steel.**

Selected Blades, Extra Finish, Carved and Polished Apple Handles, Five Improved Screws Fully Warranted.

| Length, inches, | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|
| Price, per doz., | $26.00 | 28.00 | 30.00 | 32.00 | 34.00 | 37.00 | 42.00 |



**No. 28. Double Extra Refined Special Spring Steel.**

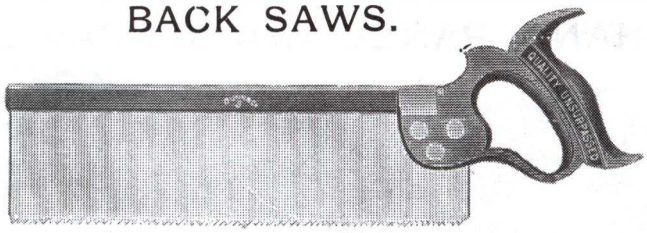
Hollow Back, Carefully Selected Blades, Carved and Polished Apple Handles, Mirror Finished Blades, Five Improved Screws, Improved Patent Close-up Handle. Fully Warranted.

| Length, inches, | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $23.00 | 25.00 | 27.00 | 30.00 | 32.00 | 33.00 | 38.00 | 43.00 |

This Saw has the finest finish ever put on a Saw. It has all the latest improvements, and no expense is spared to make it a perfect Saw suitable for the requirements of the best mechanics. It is by far the most perfect Hand Saw yet produced.

Above one-third dozen in box.

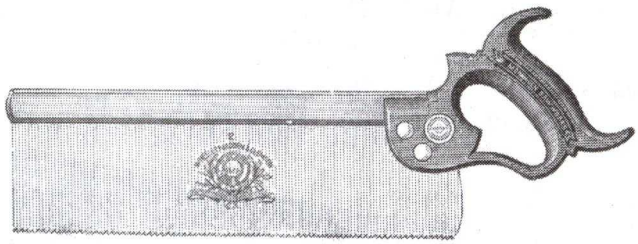
# BACK SAWS.




## No. 5. Cast Steel.

Beech Handles, Blued Steel Back, Improved Screws.

| Length, inches... | 8 | 10 | 12 | 14 | 16 |
|---|---|---|---|---|---|
| Price, per doz... | $9.00 | 10.00 | 12.00 | 14.00 | 16.00 |



## No. 2. Spring Steel.

Warranted, Apple Handles, Blued Steel Back, Improved Screws.

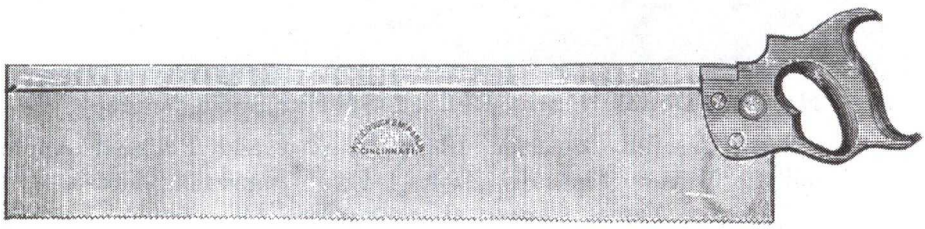
| Length, inches..... | 6 | 8 | 10 | 12 | 14 | 16 | 18 |
|---|---|---|---|---|---|---|---|
| Price, per doz..... | $12.00 | 13.00 | 14.00 | 16.00 | 18.00 | 20.00 | 22.00 |

Brass Back.

## No. 1. Spring Steel.

Warranted, Polished and Carved Apple Handles, Improved Screws.

| Inches, | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Doz., | $14.00 | 16.00 | 18.00 | 20.00 | 22.00 | 25.00 | 28.00 | 31.00 | 34.00 | 37.00 | 40.00 |



## No. 2. Back Saws for Mitre Box, 4 Inches Under Back.

| Length, inches..... | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|---|---|---|---|---|---|---|---|
| Price, per doz..... | $22.00 | 24.00 | 26.00 | 28.00 | 30.00 | 32.00 | 34.00 |

## No. 2. 6 Inches Under Back.

| Length, inches..... | 24 | 26 | 28 | 30 |
|---|---|---|---|---|
| Price, per doz..... | $34.00 | 37.00 | 40.00 | 43.00 |

Above one-third dozen in box.

# PRUNING SAWS.

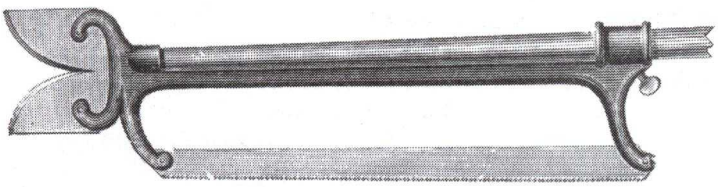
## The Paragon Double Edge Pruning Saws, with Convex and Concave Cutting Edges.

Thrust cut on the convex edge. Draw cut on the concave edge.

Patented April 1, 1884.

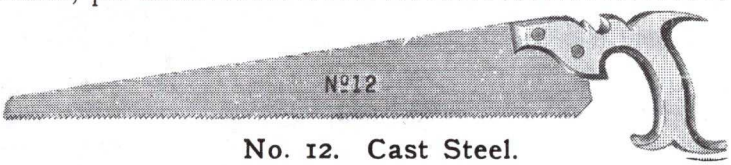
| Length, inches | 16 | 18 | 20 |
|---|---|---|---|
| Price, per dozen | $9.00 | 10.00 | 11.00 |

This is the latest Improved Pruner, and the best Double Edge Saw made for trees or vines.



Spring Steel Blades. Malleable Iron Frame.

Combination, per dozen ..... $12.00




### No. 12. Cast Steel.

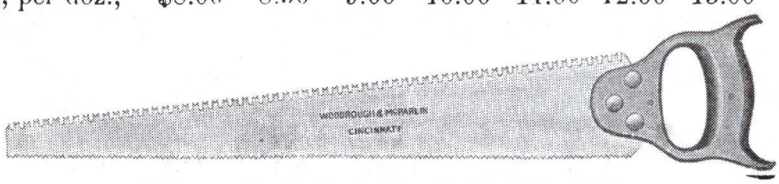
Beech Handle. Polished Edges.

| Length, inches, | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 |
|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $5.50 | 6.00 | 6.75 | 7.50 | 8.25 | 9.00 | 9.75 | 10.50 |

### No. 25. Spring Steel.

Warranted. Apple Handle, Polished Edges.

| Length, inches, | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 |
|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $8.00 | 8.50 | 9.00 | 10.00 | 11.00 | 12.00 | 13.00 | 14.00 |



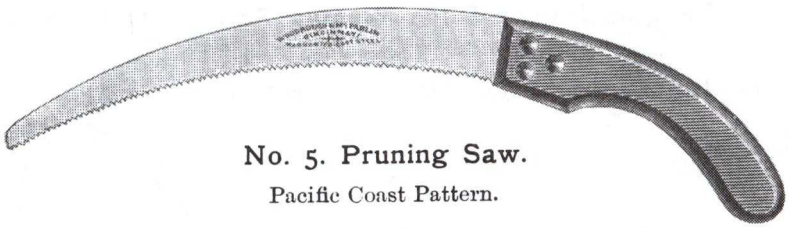

### No. 3. Double Edge Pruning Saw.

Beech Handle, Three Brass Screws.

| Length, inches, | 12 | 14 | 16 | 18 | 20 | 22 |
|---|---|---|---|---|---|---|
| Price, per doz., | $6.00 | 6.50 | 7.00 | 7.75 | 8.50 | 9.50 |

Above one-half dozen in box.

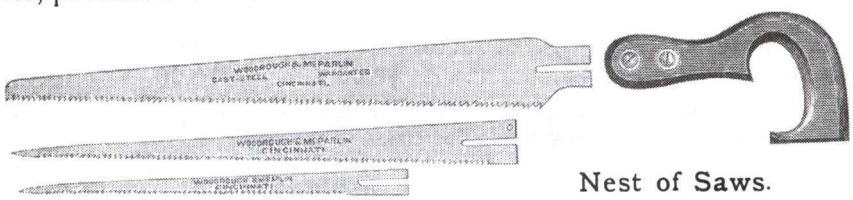
# PRUNING AND COMPASS SAWS.



## No. 5. Pruning Saw.

Pacific Coast Pattern.

| | | |
|---|---|---|
| Length, inches | 12 | 14 |
| Price, per dozen | $6.50 | 7.50 |

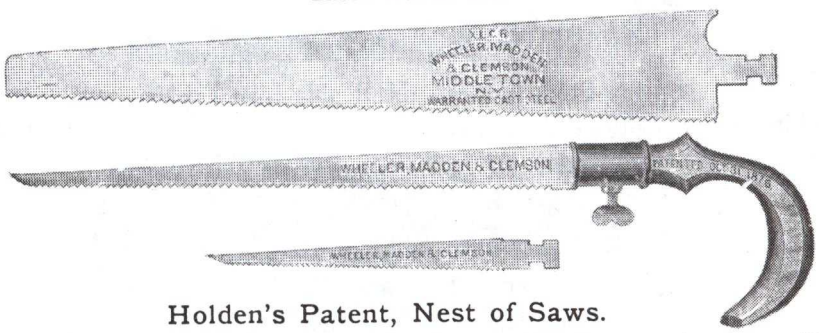


## Nest of Saws.

Combining one each, Keyhole, Compass and Pruning Saws.

Price, per dozen..... $12.00

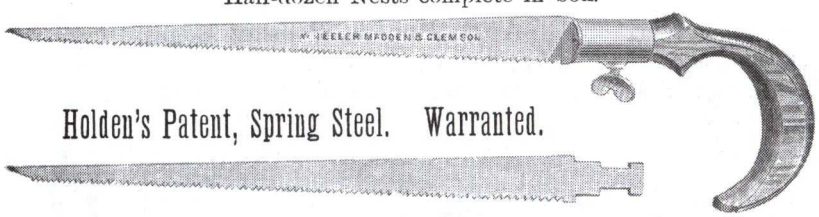
Three sets in box.



## Holden's Patent, Nest of Saws.

| | | | |
|---|---|---|---|
| Keyhole Blades, per doz..... | $1.50 | Patent Handles, per doz..... | $2.50 |
| Compass Blades, " ..... | 2.50 | | |
| Pruning Blades, " ..... | 5.50 | Nests Complete..... | $12.00 |

Half-dozen Nests complete in box.



## Holden's Patent, Spring Steel. Warranted.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Length, inches.. | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| Price, per doz.. | $4.25 | 4.50 | 5.00 | 5.50 | 6.00 | 6.50 | 7.00 |

**Extra Blades for Holden's Compass.**

| | | | | | |
|---|---|---|---|---|---|
| Length, inches | 8 | 10 | 12 | 14 | 16 |
| Price, per doz | $1.75 | 2.00 | 2.50 | 3.00 | 3.50 |

Interchangeable Blades, Reversible Handles, Strong, Convenient and Compact. The Holden's Patent Saws have been received with universal favor.

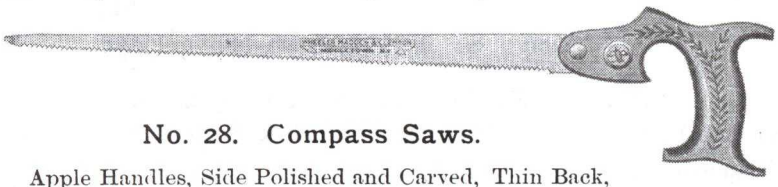
Above half-dozen in box.

# COMPASS AND KEY-HOLE SAWS.

## No. 27.
## Adjustable Handle Compass.

| Length, inches | 10 | 12 | 14 | 16 |
|---|---|---|---|---|
| Price, per doz | $4.50 | 5.00 | 5.50 | 6.00 |

A very handy and convenient tool. Can be used in corners and elsewhere where it would be impossible to work with a regular Compass Saw.

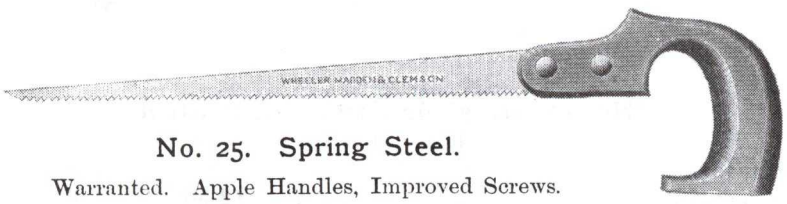


## No. 28. Compass Saws.

Apple Handles, Side Polished and Carved, Thin Back, Mirror Finished, Improved Screws.

| Length, inches | 8 | 10 | 12 | 14 | 16 |
|---|---|---|---|---|---|
| Price, per doz | $4.75 | 5.00 | 5.25 | 5.50 | 5.75 |

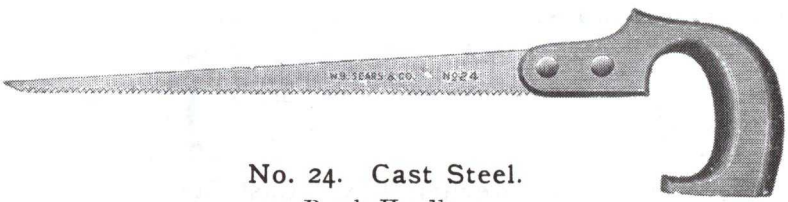
The Best and Handsomest Compass Saw that can be bought at any price.




## No. 25. Spring Steel.

Warranted. Apple Handles, Improved Screws.

| Length, inches | 8 | 10 | 12 | 14 | 16 | 18 |
|---|---|---|---|---|---|---|
| Price, per doz | $4.00 | 4.25 | 4.50 | 4.75 | 5.00 | 5.25 |



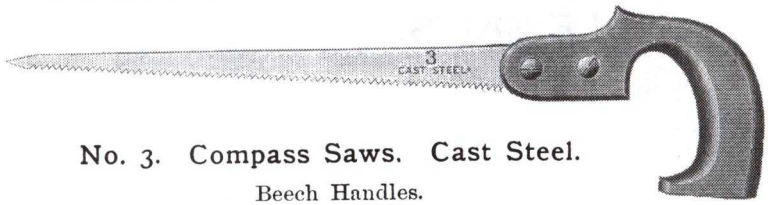

## No. 24. Cast Steel.

Beech Handles.

| Length, inches | 8 | 10 | 12 | 14 | 16 |
|---|---|---|---|---|---|
| Price, per doz | $3.25 | 3.50 | 3.75 | 4.00 | 4.25 |

Above one-half dozen in box.

# COMPASS AND KEYHOLE SAWS.




## No. 3. Compass Saws. Cast Steel.

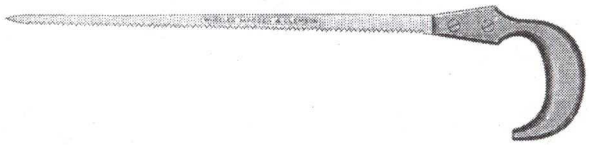
Beech Handles.

| Length, inches | 8 | 10 | 12 | 14 | 16 |
|---|---|---|---|---|---|
| Price, per doz | $3.00 | 3.25 | 3.50 | 3.75 | 4.00 |

## No 22. Keyhole Saws. Adjustable Handle.

| Length, inches | 8 | 10 | 12 |
|---|---|---|---|
| Price, per doz | $3.50 | 3.75 | 4.00 |

Made on same principle as the No. 27 Compass Saw.

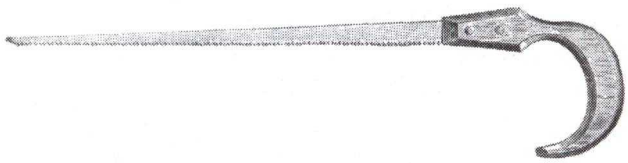


## No. 21. Keyhole Saws. Spring Steel.

Warranted. Polished and Carved Apple Handles, Mirror Finished Blades.

| Length, inches | 8 | 10 | 12 |
|---|---|---|---|
| Price, per doz | $3.25 | 3.50 | 3.75 |

A Companion Saw to our No. 28 Compass.



## No. 23. Keyhole Saws. Cast Steel.

Beech Handles.

| Length, inches | 8 | 10 | 12 |
|---|---|---|---|
| Price, per doz | $2.50 | 2.75 | 3.00 |
| Extra Blades for same, per doz | | | $1.50 |

**Warranted Extra Cast Steel Keyhole or Fret Saw Blades.**

Assorted, 6 to 12 inches ..... $1.25

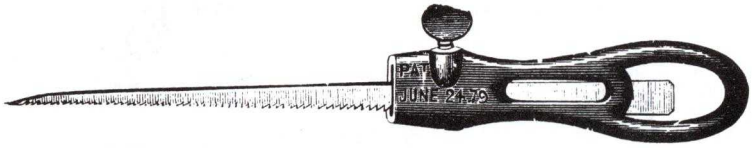
## No. 3. Keyhole Saw. Cast Steel.

Beech Handles.

| Length, inches | 8 | 10 | 12 |
|---|---|---|---|
| Price, per doz | $2.25 | 2.50 | 2.75 |

Above one-half dozen in box.

# KEYHOLE SAWS.

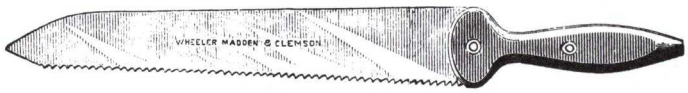



**McNiece's Patent Keyhole Saw and Pad.**

Keyhole Saw, $1.40; Handle, 75c.; Complete, per doz..... $2.15

**Enterprise Saw Pad and Blade.**

Price, Complete, per doz..... $2.25




**Saw Knives. Cast Steel.**

Saw Knives, No. 1, per doz..... $5.00
" " 2, " ..... 4.00

Above one-half dozen in box.

**Cast Steel Turning or Chair Webs.**

| Length, inches.. | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|---|---|---|
| Price, per doz.. | $1.35 | 1.45 | 1.60 | 1.80 | 2.00 | 2.25 | 2.50 | 2.80 |
| Length, inches.. | 26 | 28 | | 30 | 32 | | 34 | 36 |
| Price, per doz.. | $3.10 | 3.45 | | 3.80 | 4.20 | | 4.60 | 5.00 |

We make the above from $\frac{1}{4}$ to $\frac{3}{4}$ inch wide, and from 19 to 22 gauge in thickness by Stubbs' Wire Gauge. (The usual thickness is about 19 gauge.)

**Cast Steel Felloe Webs.**

| Length, inches.. | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|---|---|---|
| Price, per doz.. | $1.60 | 1.85 | 2.10 | 2.35 | 2.70 | 3.00 | 3.30 | 3.65 |
| Length, inches.. | 26 | 28 | | 30 | 32 | | 34 | 36 |
| Price, per doz.. | $4.00 | 4.40 | | 4.80 | 5.20 | | 5.60 | 6.00 |

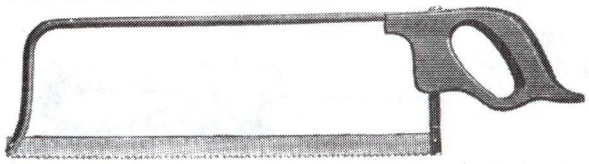
We make the above Webs from $\frac{3}{8}$ to 1 inch wide, and from 17 to and including 18 gauge in thickness (on the tooth) by Stubbs' Wire Gauge.

**Cast Steel Mill Webs.**

| Length, inches.. | 16 | 18 | 20 | 22 | 24 | 26 |
|---|---|---|---|---|---|---|
| Price, per doz.. | $4.00 | 4.50 | 5.00 | 5.75 | 6.50 | 7.25 |
| Length, inches.. | 28 | 30 | 32 | 34 | | 36 |
| Price, per doz.. | $8.00 | 8.75 | 9.50 | 10.50 | | 11.50 |

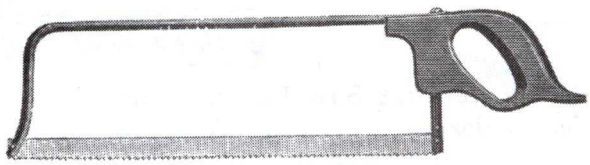
We make the above Webs from $\frac{1}{2}$ to $1\frac{1}{4}$ inches wide, and from 13 to and including 16 gauge in thickness.

# KITCHEN AND BUTCHER SAWS.



## No. 00. Kitchen Saws. Round Back.

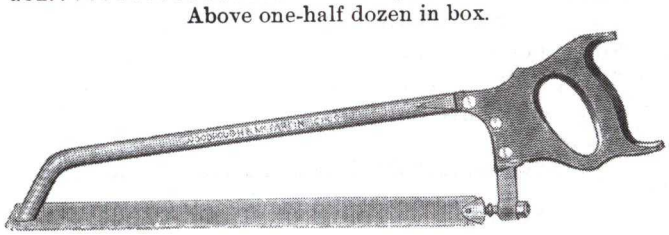
| Length, inches | 12 | 14 | 16 |
|---|---|---|---|
| Price, per doz | $6.50 | 7.00 | 7.50 |



## No. 3. Kitchen Saw.

| Length, inches | 12 | 14 | 16 |
|---|---|---|---|
| Price, per doz | $4.50 | 5.50 | 6.50 |

Above one-half dozen in box.



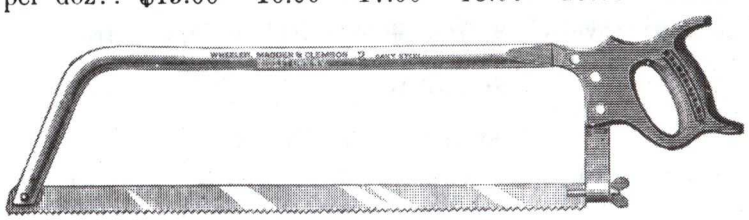
## Pork Packers' Saws.

| Length, inches | 14 | 16 | 18 |
|---|---|---|---|
| Price, per doz | $15.25 | 16.00 | 17.00 |

## No. 1. Flat Steel Back.

Beech Handles, Polished Edges, Extra Spring Steel Blades.

| Length, inches | 16 | 18 | 20 | 22 | 24 | 26 | 28 |
|---|---|---|---|---|---|---|---|
| Price, per doz | $15.00 | 16.00 | 17.00 | 18.00 | 19.00 | 20.00 | 21.00 |



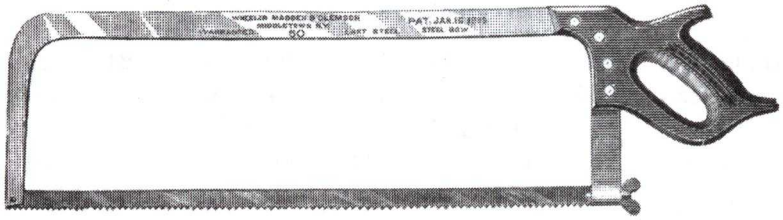
## No. 2. Best Oval Back.

Beech Handles, Polished Edges, Extra Spring Steel Blades.

| Length, inches | 16 | 18 | 20 | 22 | 24 |
|---|---|---|---|---|---|
| Price, per doz | $15.00 | 16.00 | 17.00 | 18.00 | 19.00 |

Above one-third dozen in box.

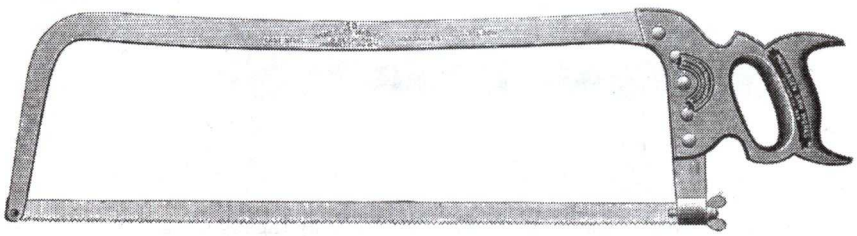
# BUTCHER SAWS AND BLADES.



**No. 50. Flat Steel Back.**

Beech Handles, Polished Edges, with Blued Clock Spring Steel Blades.

| Length, inches.. | 18 | 20 | 22 | 24 | 26 | 28 |
|---|---|---|---|---|---|---|
| Price, per doz.. | $24.00 | 25.00 | 26.00 | 27.00 | 28.00 | 29.00 |



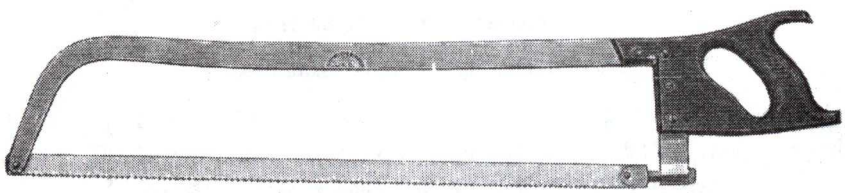
**No. 51. Flat Steel Back.**

Beech Handles, Polished Edges, with Blued Clock Spring Steel Blades.

| Length, inches.. | 18 | 20 | 22 | 24 | 26 | 28 |
|---|---|---|---|---|---|---|
| Price, per doz.. | $24.00 | 25.00 | 26.00 | 27.00 | 28.00 | 29.00 |

**Cast Steel Beef Splitters. Single Handle.**

| Length, inches | 30 | 32 |
|---|---|---|
| Price, each | $4.00 | 4.50 |



**No. 3. Flat Back.**

Beech Handle, Polished Edges.

| Length, inches, | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 |
|---|---|---|---|---|---|---|---|---|
| Price, per doz., | $10.25 | 11.00 | 12.00 | 13.00 | 14.00 | 14.75 | 15.50 | 16.50 |

Above one-third dozen in box.

## BUTCHER SAW BLADES.

¾ to 1¼ inches (inclusive) wide.

| Length, inches. | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 |
|---|---|---|---|---|---|---|---|---|---|
| Price, per doz.. | $4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 |

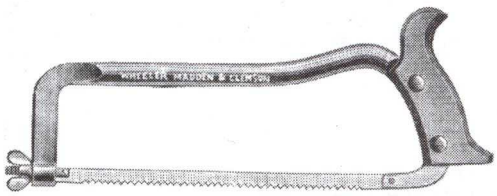
1⅜ to 2 inches (inclusive) wide.

| Length, inches. | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 |
|---|---|---|---|---|---|---|---|---|---|
| Price, per doz.. | $5.50 | 5.75 | 6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 |

Blued Clock Spring Steel, ¾ to ⅞ inch wide.

| Length, inches..... | 20 | 22 | 24 | 26 |
|---|---|---|---|---|
| Price, per doz. ..... | $6.50 | 6.75 | 7.00 | 7.50 |

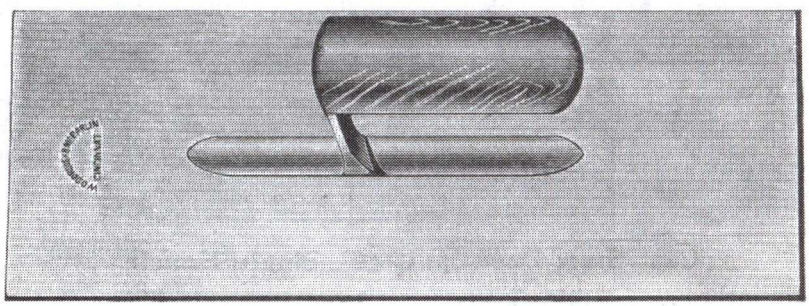
## DEHORNING SAW.



Steel Frame, Beech Handle, Blade 9½ Inches Long.

Price, per doz. (complete)..... $10.00
Blades only, per doz..... 1.35

Packed half-dozen in box.



## The Celebrated Cincinnati Warranted Cast Steel Plastering Trowels.

Usual Quality. Poplar Handles.

| Length, inches.. | 10½ | 11 | 11½ | 12 | 12½ | 13 |
|---|---|---|---|---|---|---|
| Price, per doz.. | $12.50 | 13.00 | 13.50 | 14.00 | 15.00 | 16.00 |

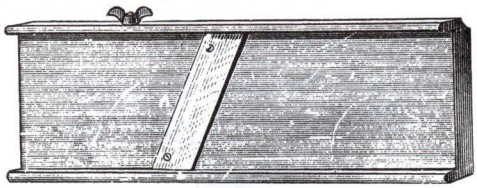
Extra Quality Trowels, Etched Blades, Walnut Handles.

| Length, inches.. | 10½ | 11 | 11½ | 12 | 12½ | 13 |
|---|---|---|---|---|---|---|
| Price, per doz.. | $14.00 | 14.50 | 15.00 | 15.50 | 16.50 | 17.50 |

These goods have been long and favorably known throughout this country, and are acknowledged as the Standard Trowel. The constantly increasing call for them bears witness to their superiority over all others, and confirms their reputation for uniform high quality and durability.

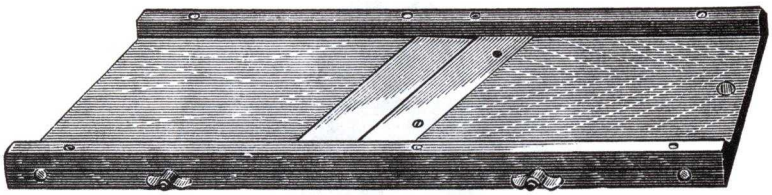
Packed one-third dozen in box.

## No. 1. Slaw Cutter. One Knife.



Per dozen..... $3.50

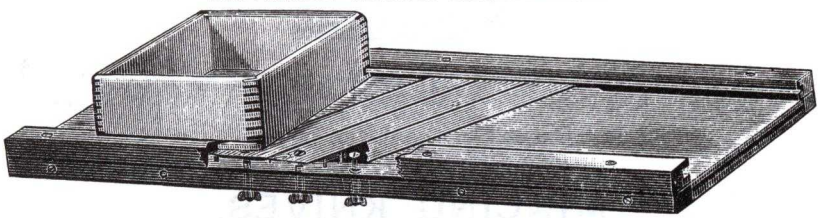
## No. 2. Slaw Cutter. Two Knives.



Per dozen..... $5.50

## Patent Adjustable Knife Kraut Cutter.

MOVABLE KNIFE APPLIANCE.



Patented Sept. 6, 1887.

### DIRECTIONS FOR USE.

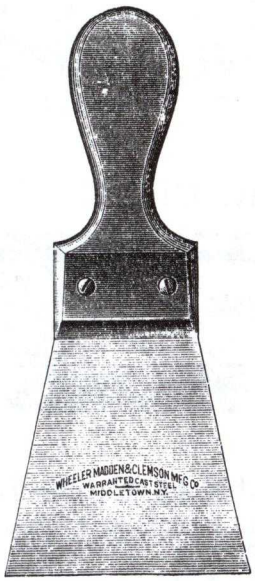
This device may be adjusted to cut fine or coarse, as desired. For cutting Slaw the finest cut is usually the most desirable. To make the finest cut, the Wire Regulators are adjusted in line with the Cutter, or, in other words, these wires are placed directly against the back edge of the Cutters. To make the coarsest cut, the Regulators are turned until the leg comes against the side strip. If a medium cut is desired, the Regulators are turned half way around; thus the desired cut may be obtained by the position of the Regulators. To change the position of the Regulators, the bolts passing through the blades are first loosened, the Regulators turned to the desired position, and the bolts again tightened. To sharpen the blades, take out the retaining bolts, when the blades may be removed; after sharpening, the bolts are replaced, the Regulators adjusted to the desired cut, and the bolts tightened.

| | | | | | | |
|---|---|---|---|---|---|---|
| No. 1. | 1 Knife | with box, | 8x26, | per doz. | | $15.60 |
| " 2. | 2 Knives | " | 8x26, | " | | 16.00 |
| " 3. | 3 " | " | 8x26, | " | | 18.50 |
| " 4. | 4 " | " | 8x26, | " | | 20.00 |
| " 5. | 3 " | " | 9x30, | " | | 30.00 |
| " 6. | 4 " | " | 9x30, | each | | 2.75 |
| " 7. | 2 " | " | 12x36, | " | | 3.60 |
| " 8. | 3 " | " | 12x36, | " | | 4.00 |
| " 9. | 4 " | " | 12x36, | " | | 4.50 |
| " 10. | 3 " | " | 12x40, | " | | 4.50 |
| " 11. | 4 " | " | 12x40, | " | | 5.00 |
| " 12. | 5 " | " | 12x36, | " | | 5.00 |
| " 13. | 6 " | " | 12x36, | " | | 6.50 |
| " 14. | 6 " | " | 12x30, | " | | 6.00 |

Our Slaw and Kraut Cutters are made from well seasoned cherry, and fully guaranteed to be first-class goods in every respect. Packed in quantities to order.

# BEST SAW STEEL WALL SCRAPERS.

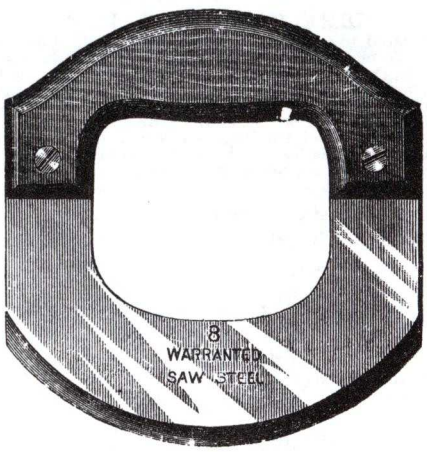
Beech Handles.




| | | | |
|---|---|---|---|
| No. 1. | 3 inch, per doz | ..... | $2.75 |
| " 2. | 4 inch, " | ..... | 3.25 |

Packed in one dozen boxes.

# MINCING KNIVES.

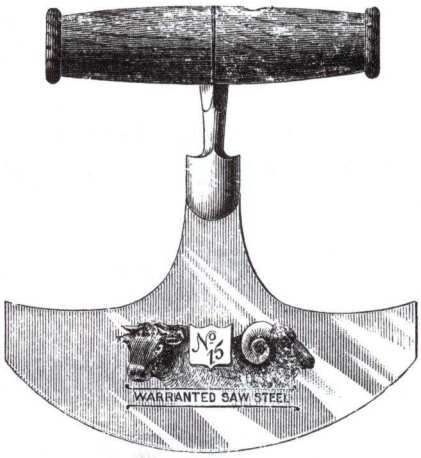



Nos. 4 and 6 same style as No. 8, smaller.

| | | | |
|---|---|---|---|
| No. 4. | Heavy Cast Steel Blade, Plain Handle, per gross | ..... | $20.00 |
| " 6. | " " " Varnished Handle, " | ..... | 24.00 |
| " 8. | " " " " " " | ..... | 30.00 |

Mincing Knives in one dozen boxes.

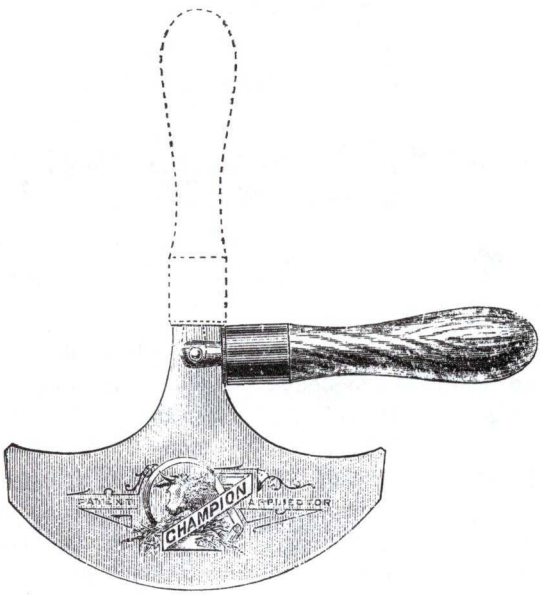
## MINCING KNIVES.




No. 15. One dozen in box, per gross..... $40.00

## CHAMPION CHOPPING KNIFE.

**Adjustable Handle.**




PATENTED JUNE 2, 1885.

One dozen in box, per gross..... $48.00

# WOOD SAW BLADES OR BILLET WEBS.

Patent Ground and Tempered, Common, or Peg or Boston Tooth.

| | 30 in. Per doz. | 32 in. Per doz. |
|---|---|---|
| No. 0, Dunn & Co., 2 in. wide, Set and Sharpened... | $2.25 | $2.75 |
| " 5, Cox & Co., 2 " " " ... | 2.75 | 3.25 |
| " 4, Vernon & Co., 2 " " " ... | 3.50 | 4.00 |

| | 30 in. Per doz. | 32 in. Per doz. |
|---|---|---|
| No. 2, W., M. & C., 2 in. wide, Set and Sharpened.... | $4.00 | $4.50 |

| | 30. in. Per doz. | 32 in. Per doz. |
|---|---|---|
| Champion, Wheeler, Madden & Clemson, 2¼ in. wide, Set and Sharpened..... | $4.50 | $5.00 |

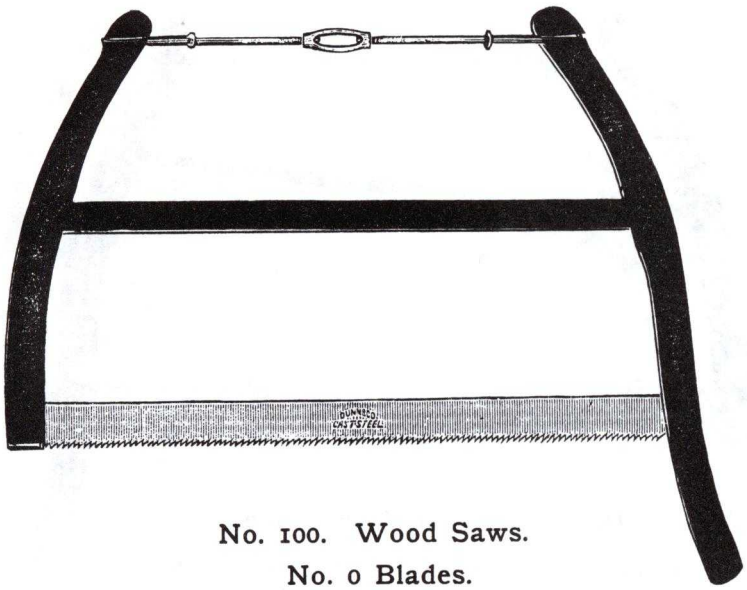
| | 30 in. Per doz. | 32 in. Per doz. |
|---|---|---|
| Standard, Wheeler, Madden & Clemson, Bow Belly, 2¼ in. wide, Set and Sharpened..... | $5.00 | $5.50 |

| | 30 in. Per doz. | 32 in. Per doz. |
|---|---|---|
| Our Very Best, Wheeler, Madden & Clemson, Bow Belly, 2½ in. wide, Set and Sharpened..... | $5.50 | $6.00 |

| | 30 in. Per doz. | 32 in. Per doz. |
|---|---|---|
| Extra Thin Back, Wheeler, Madden & Clemson, 2¼ in. wide, Set and Sharpened..... | $5.50 | $6.00 |
| Wide Clock Spring, Wheeler, Madden & Clemson, Bow Belly, 2¼ in. wide, Set and Sharpened..... | 5.50 | 6.00 |
| Narrow Clock Spring, Wheeler, Madden & Clemson, Bow Belly, 1¾ in. wide, Set and Sharpened..... | 5.25 | 5.75 |
| Narrow Razor Steel, Wheeler, Madden & Clemson, Bow Belly, 1¾ in. wide, Set and Sharpened..... | 5.75 | 6.25 |
| Wide Razor Steel, Wheeler, Madden & Clemson, Bow Belly, 2½ in. wide, Set and Sharpened..... | 6.00 | 6.50 |

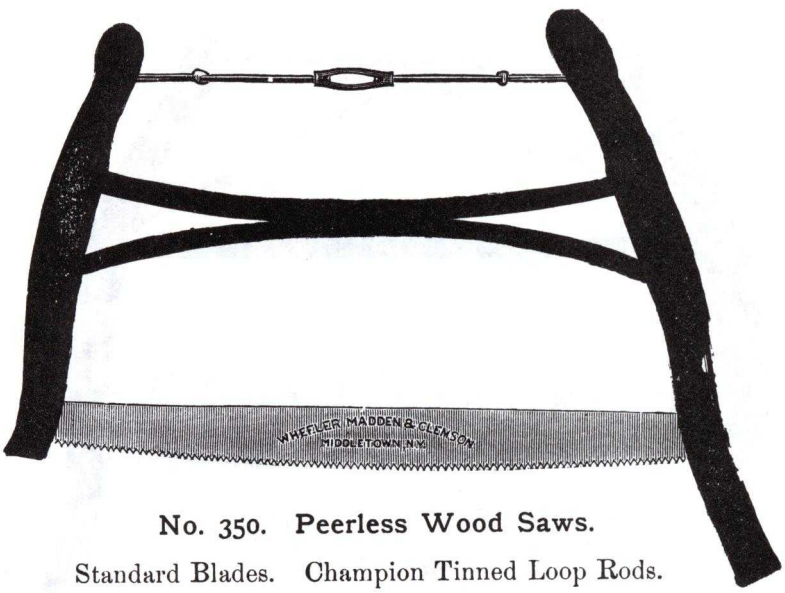
Above half-dozen in package.

# WOOD SAWS.



**No. 100. Wood Saws.**
**No. 0 Blades.**

Red Frames, complete, per doz..... $5.50




**No. 350. Peerless Wood Saws.**

Standard Blades. Champion Tinned Loop Rods.

Red Frames, complete, per doz..... $11.00
Champion Blades, extra per doz..... .50

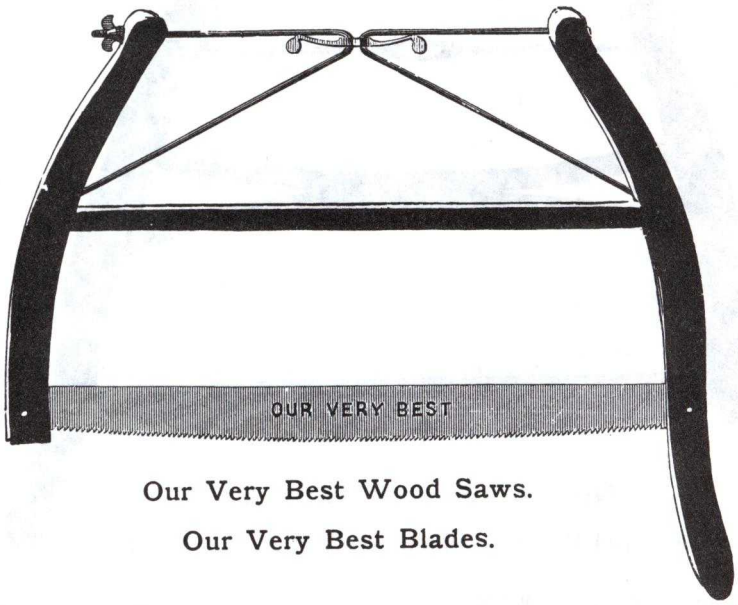
Above in one-half dozen cases.

# WOOD SAWS.

**Happy Medium Wood Saws.**

Standard Blades, Champion Tinned Loop Rods.

| | |
|---|---|
| Red Frames, Complete, per doz | $11.00 |
| Plain " " " | 10.00 |
| Champion Blades, extra, per doz | .50 |



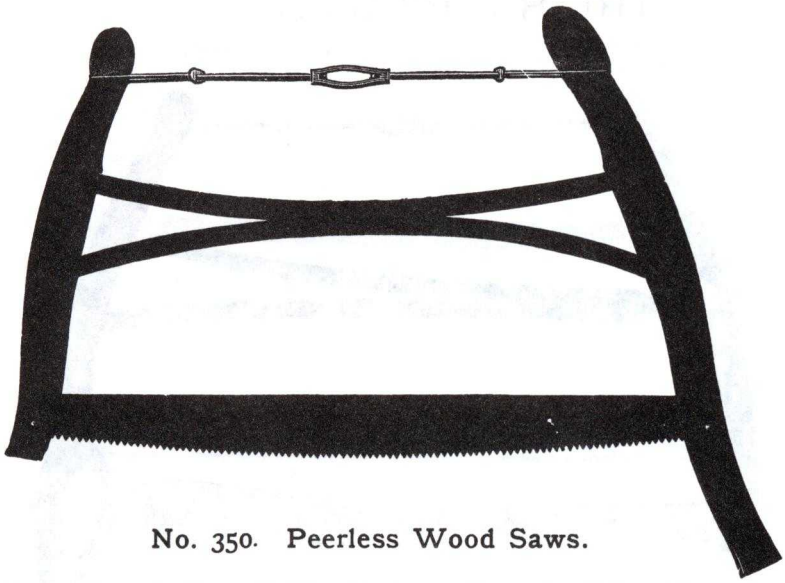

**Our Very Best Wood Saws.**

**Our Very Best Blades.**

| | |
|---|---|
| Red Frames, per doz | $14.00 |
| Plain " " | 13.00 |

Above in half-dozen cases.

# WOOD SAWS.



**No. 350. Peerless Wood Saws.**

Wide or Narrow Clock Spring Blades. Champion Tinned Loop Rods.

Red Frames, Complete, per doz..... $11.00
Plain " " " ..... 10.00

**Happy Medium Wood Saws.**

Wide or Narrow Clock Spring Blades. Champion Tinned Loop Rods.

Red Frames, Complete, per doz..... $11.00
Plain " " " ..... 10.00

Above in half-dozen cases.

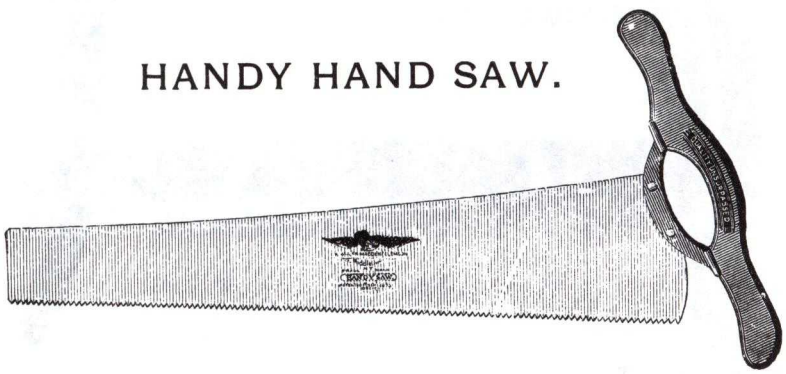
## THE HANDY BUCK SAW.

PATENTED 1873, 1877, 1878 AND SEPTEMBER 8, 1885.

Price, Complete, per doz..... $12.00

Packed one-half dozen in case.

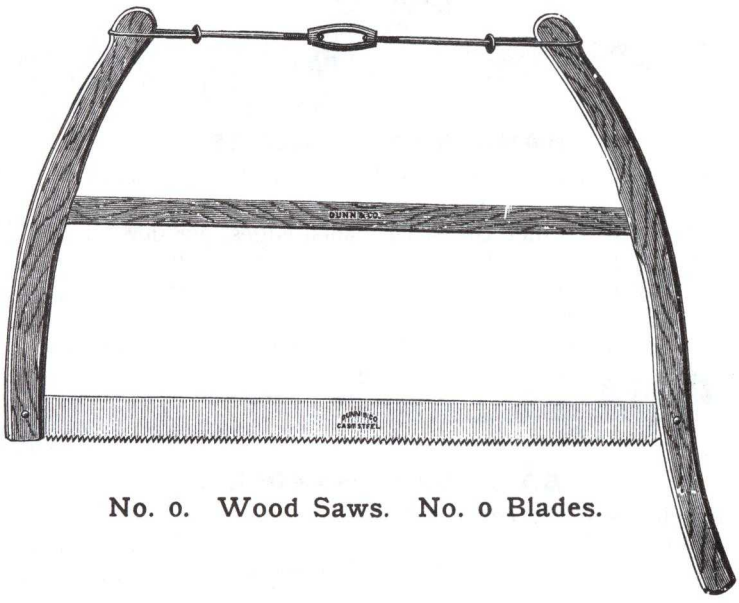
## HANDY HAND SAW.



Price, per doz..... $9.00

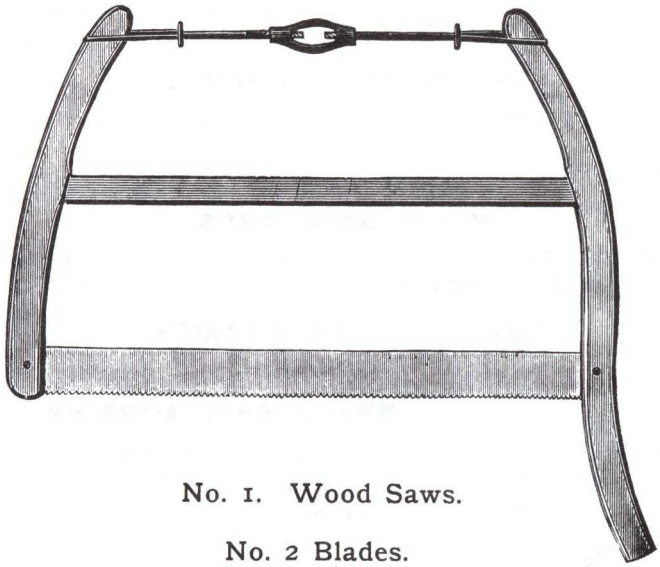
Packed in cases.

# WOOD SAWS.



**No. 0. Wood Saws. No. 0 Blades.**

Plain Frames, Complete, per doz..... $5.00



**No. 1. Wood Saws.**

**No. 2 Blades.**

Plain Frames, Complete, per doz..... $9.00

Above in half-dozen cases.

## HAND SAW HANDLES.

| | | |
|---|---|---|
| No. 0. | For 26 inch Saws, per doz | $1.00 |
| " 1. | " 26 " varnished edges, per doz | 1.25 |
| " 12. | " 16 to 20 inch Saws, varnished edges, per doz | 1.75 |
| " 12. | " 26 to 30 " " " " | 2.00 |
| " 24. | " 16 to 20 " " " " | 2.25 |
| " 24. | " 26 to 30 " " " " | 2.50 |
| " 18. | " 16 to 20 " side polished and carved, per doz | 3.25 |
| " 18. | " 26 to 30 " " " " " | 3.50 |
| " 27. | " 26 to 30 " " " " " | 5.00 |
| " 999. | " 26 to 30 " " " " " | 6.00 |

## BACK SAW HANDLES.

| | | |
|---|---|---|
| No. 5. | Beech, varnished edges, per doz | $2.00 |
| " 2. | Apple, " " " | 2.50 |
| " 1. | Apple, side polished and carved, per doz | 3.50 |

## BUTCHER SAW HANDLES.

| | | |
|---|---|---|
| Nos. 1, 2 and 3. | Beech, varnished edges, per doz | $1.75 |
| " 4 and 5. | " " " | 2.50 |

## ONE MAN SAW HANDLES.

| | |
|---|---|
| Top Handle, varnished | $3.00 |
| D " " edges | 4.50 |

## WOOD SAW FRAMES.

| | |
|---|---|
| No. 1. Selected, per gross | $18.00 |
| " 2. " " | 14.00 |
| If painted red, add, ". | 10.00 |

## WOOD SAW RODS.

| | |
|---|---|
| Common Loop, per gross | $9.00 |
| Champion, Tinned Loop, per gross | 10.00 |

## TURNING WEB FRAMES.

| | |
|---|---|
| Price, per doz | $4.00 |

## BRASS SAW SCREWS.

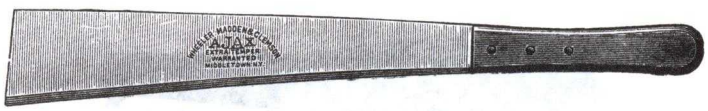
| | | | |
|---|---|---|---|
| No. 1. | Flush, small, | per gross | $2.00 |
| " 2. | " large, | " | 2.75 |
| " 2. | Eagle, medium, | " | 4.75 |
| " 3. | " large, | " | 5.75 |
| " 4. | Raised, small, fancy, | " | 5.25 |
| " 6. | Oval, small, plain, | " | 2.80 |
| " 7. | " large, " | " | 3.25 |
| " 8. | " small, embossed, | " | 4.75 |
| " 9. | " large, " | " | 5.75 |

# CORN KNIVES AND HOOKS.

## ACORN KNIFE.

Cast Steel, Blade painted Red, and packed one dozen each in neat wooden boxes.

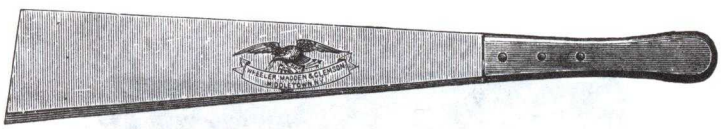
Price, per doz..... $3.00




## AJAX CORN KNIFE.

Cast Steel, Polished Blades. Packed one dozen each in neat wooden boxes.

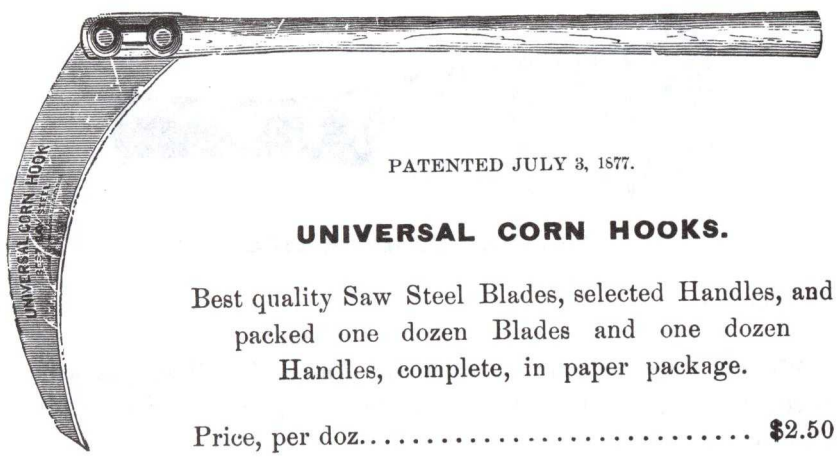
Price, per doz..... $4.00



## EAGLE CORN KNIFE.

Cast Steel, Polished Blades. Packed in neat wooden boxes, one dozen in each box.

Price, per doz..... $5.00




PATENTED JULY 3, 1877.

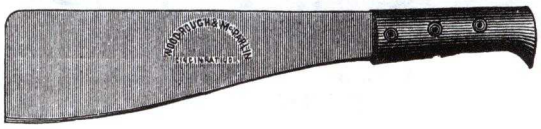
## UNIVERSAL CORN HOOKS.

Best quality Saw Steel Blades, selected Handles, and packed one dozen Blades and one dozen Handles, complete, in paper package.

Price, per doz..... $2.50

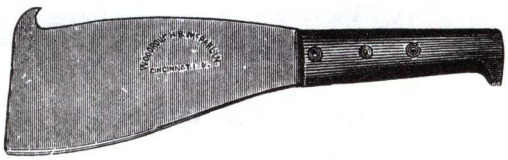
# CAST STEEL CANE KNIVES.

FULLY WARRANTED.



**No. 1. CANE KNIFE.**

Price, per doz..... $6.50

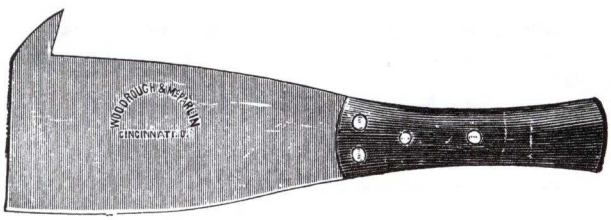


**No. 11. CANE KNIFE.**

Price, per doz..... $7.00

**No. 18. CANE KNIFE.**

Price, per doz..... $7.25




**No. 30. CANE KNIFE.**

Price, per doz..... $7.25

We are prepared to furnish Cane Knives in all shapes and sizes. Tobacco Knives, special Wall and Cabinet Scrapers, and Knives of every kind, made from crucible sheet steel, furnished to order.

THE

# WOODROUGH & McPARLIN

PATENT GROUND

# SAWS

BAND SAWS, CIRCULAR, MILL, MULAY
AND CROSS-CUT SAWS

HAND AND BACK SAWS, BILLET WEBS, &c.

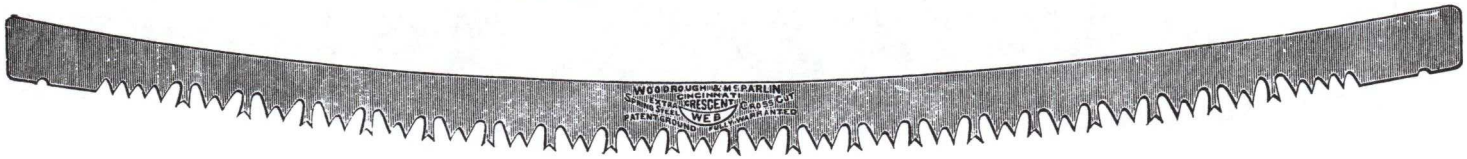
MAIN OFFICE

NEWARK, N. J.

Circular Saws, made at our Cincinnati and Newark Factories, for List, - - - - - - - - - - see page 6
Mulay Saws, - - - - - - - - - - " 16
Mill Saws, - - - - - - - - - - " 16
Gang Saws, - - - - - - - - - - " 17
Drag Saws, - - - - - - - - - - " 18
Pit Saws, - - - - - - - - - - " 19
Pond and Hand Ice Saws, - - - - - - " 20
Band Saws, - - - - - - - - - - " 55
Cross-Cut Handles, - - - - - - - " 88
Turning Webs, - - - - - - - - " 52
Felloe Webs, - - - - - - - - " 52
Fay Webs, - - - - - - - - - " 53
Butcher Blades, - - - - - - - - " 49
Hack Webs, - - - - - - - - - " 50
Saw Screws, - - - - - - - - - " 65
Saw Handles, - - - - - - - - " 64

## Woodrough & McParlin's Crescent Web Cross-Cut Saws.

SET AND FILED READY FOR USE.

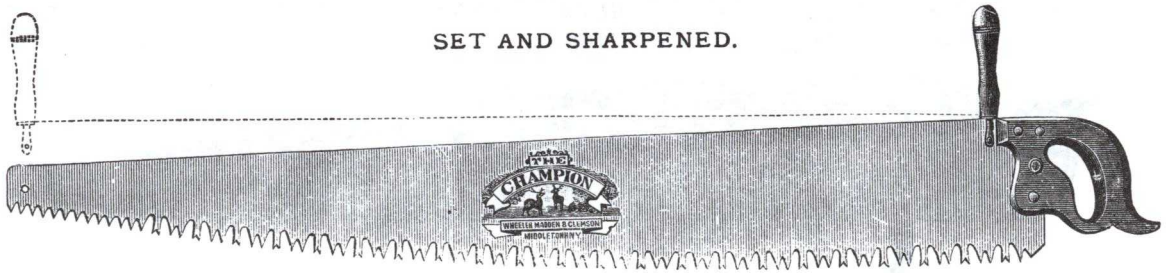



### Narrow Cross-Cut Saws, Without Handles.

| | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. | |
|---|---|---|---|---|---|---|---|---|---|---|
| Champion Tooth..... | $1.44 | $1.62 | $1.80 | $1.98 | $2.16 | $2.34 | $2.52 | $2.70 | $2.88 | each. |
| Diamond and Special Teeth. | 1.52 | 1.71 | 1.90 | 2.09 | 2.28 | 2.47 | 2.66 | 2.85 | 3.04 | " |

## Woodrough & McParlin's Warranted Cast Steel One Man Champion Cross-Cut Saws.

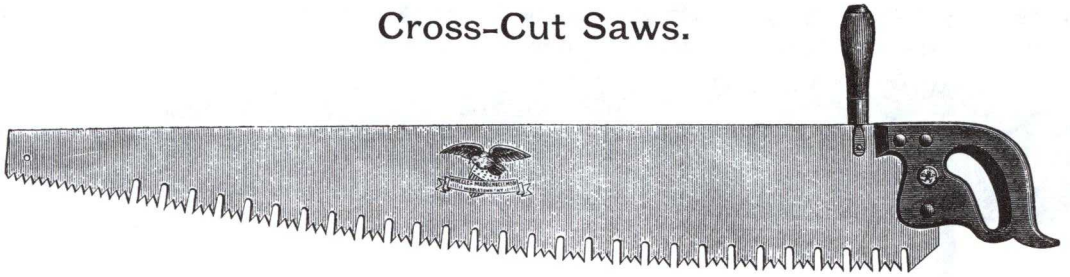
SET AND SHARPENED.




| | 3 ft. | 3½ ft. | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | |
|---|---|---|---|---|---|---|---|---|
| Price..... | $2.25 | $2.60 | $3.00 | $3.35 | $3.70 | $4.10 | $4.45 | each. |

Plain Tuttle and Tenon Tooth same price as Champion.

## Woodrough & McParlin's Warranted Cast Steel One Man American Tooth Cross-Cut Saws.

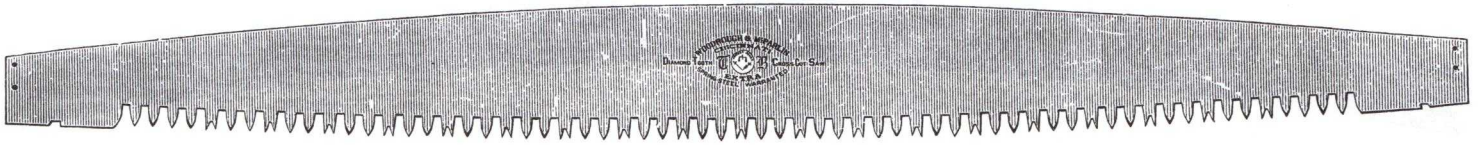


| | 3 ft. | 3½ ft. | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. |
|---|---|---|---|---|---|---|---|
| Price..... | $2.55 | $2.75 | $3.25 | $3.65 | $4.10 | $4.55 | $5.00 each. |

Lightning Tooth same price as American.

## Woodrough & McParlin's Warranted, Extra Quality, "Thin Back," Diamond Tooth, Cross-Cut Saw.

GROUND FOUR GAUGES, THIN ON BACK.



| | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|---|
| Price..... | $2.56 | $2.88 | $3.20 | $3.52 | $3.84 | $4.16 | $4.48 | $4.80 | $5.12 each. |

## Warranted Cast Steel, New Pattern, Champion Tooth, Cross-Cut Saw.

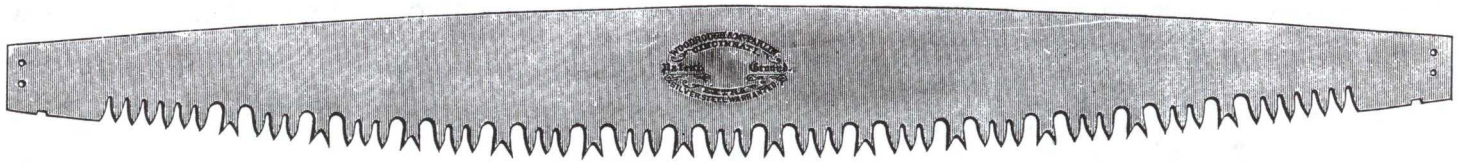
Champion Tooth, No. 1, Four Gauges Thinner on Back than on Teeth (14x18 Gauge).

| | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|---|
| Price..... | $2.32 | $2.61 | $2.90 | $3.19 | $3.48 | $3.77 | $4.06 | $4.35 | $4.64 each. |

Champion Tooth, No. 2, Two Gauges Thinner on Back than on Teeth (14x16 Gauge).

| | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|---|
| Price..... | $2.16 | $2.43 | $2.70 | $2.97 | $3.24 | $3.51 | $3.78 | $4.05 | $4.32 each. |

## Woodrough & McParlin's Warranted Cast Steel, Dexter Tooth, Cross-Cut Saw.

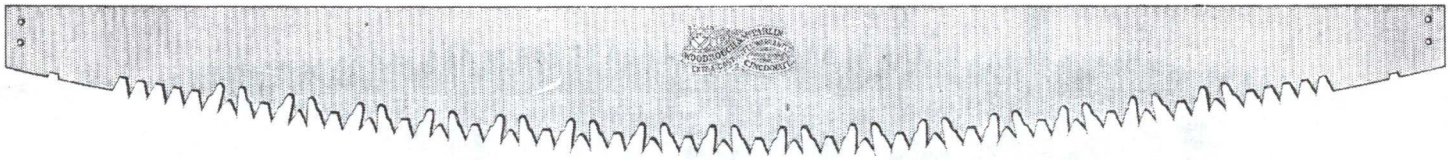


Four Gauges Thinner on Back than on Teeth.

| | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|---|
| Price..... | $2.56 | $2.88 | $3.20 | $3.52 | $3.84 | $4.16 | $4.48 | $4.80 | $5.12 each. |

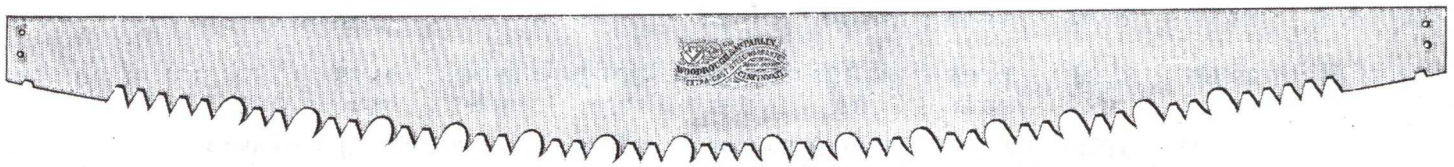
# Warranted Extra Cast Steel Cross-Cut Saws, No. 1.

## ELECTRIC TOOTH.



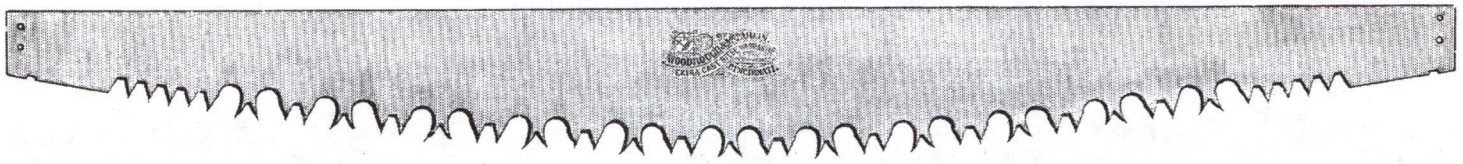
Woodrough & McParlin's Extra Quality Electric Cross-Cut Saw. This Saw has a large sale, and stands without a rival.

## SINGLE HOOK TOOTH.



Woodrough & McParlin's Extra Quality Single Hook Cross-Cut Saw.

## DOUBLE HOOK TOOTH.

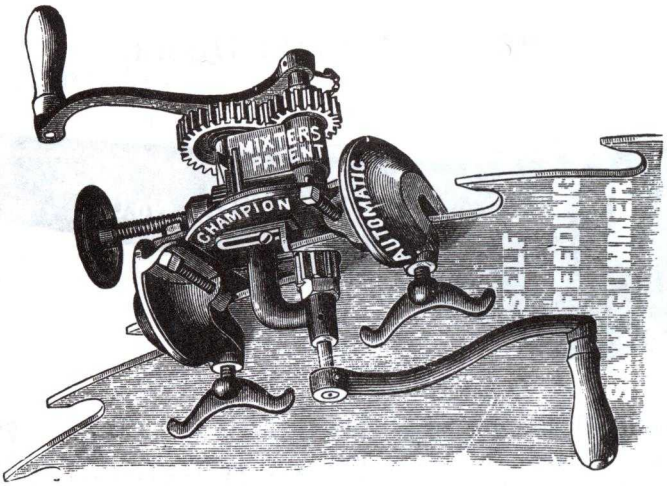


Woodrough & McParlin's Extra Quality Double Hook Cross-Cut Saw. No. 1, Four Gauges Thinner on Back than on Teeth.

| | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. | |
|---|---|---|---|---|---|---|---|---|---|---|
| Price..... | $2.56 | $2.88 | $3.20 | $3.52 | $3.84 | $4.16 | $4.48 | $4 80 | $5.12 | each. |

## Mixter's Champion Gummers.

### DOUBLE GEAR.

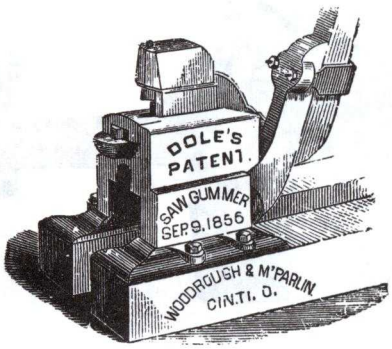



With Cutters from 1 to 1½ inches diameter, price..... $30.00

### Extra Cutters for Mixter Gummers.

| | 1½ in. | 1¼ in. | 1⅛ in. | 1 in. | ⅞ in. | ¾ in. | ⅝ in. | ½ in. | ⅜ in. |
|---|---|---|---|---|---|---|---|---|---|
| Price, each.... | $1.25 | $1.00 | 90c. | 80c. | 70c. | 60c. | 50c. | 50c. | 50c. |

## Dole's Patent Saw Gummer.




| | | | | | |
|---|---|---|---|---|---|
| No. 1, Weight..... | 92 lbs. | Price..... | $27.00 |
| " 2, " ..... | 70 " | " ..... | 22.50 |
| " 3, " ..... | 22 " | " ..... | 18.00 |

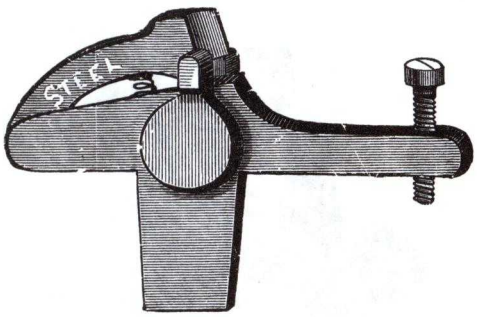
Extra Dies, or parts of above, kept in stock.

## Mixter Double Upset.

| | | |
|---|---|---|
| No. 3, Double Upsets, for large Saws | $5.00 | each. |
| " 2, " " " " " | 4.50 | " |
| " 1, " " " medium Saws | 4.00 | " |
| " 0, " " " small " | 3.00 | " |

## Hammer Saw Sets. Aiken's Pattern.

Warranted Best Cast Steel.




| | |
|---|---|
| No. 1, per dozen | $4.50 |
| " 2, " | 5.50 |

## New Pattern Warranted Cast Steel Corn Knife.

Per dozen..... $6.00

## Warranted Cast Steel Corn Knife.

USUAL PATTERN.

Per dozen..... $3.25

## Warranted Cast Steel Corn Knife.

CLIPPER.

Per dozen..... $3.00

# WOODROUGH & McPARLIN'S

## Warranted Extra Quality

## HAND, PANEL AND RIP SAWS.

No. 60. Hollow Back.

No. 60—Extra Refined London Spring Steel, Selected Blades, Nickel Plated, Four Improved Nickel Plated Screws, Mahogany Handle.

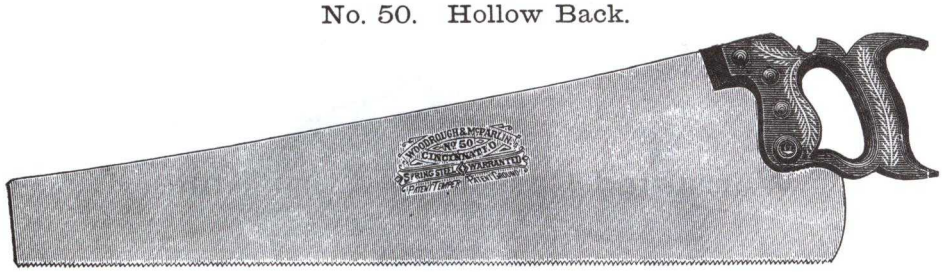
| | 26 in. | 28 in. | 30 in. |
|---|---|---|---|
| Per doz..... | $35.00 | $40.00 | $45.00 |

No. 60. Panel.

| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|
| Per doz... | $25.00 | $27.00 | $29.00 | $32.00 | $34.00 |

## HAND, PANEL AND RIP SAWS.

No. 50. Hollow Back.




No. 50—Spring Steel, Apple Handle, Polished Edges, Polished Blade, Four Improved Brass Screws, Warranted.

| | 26 in. | 28 in. | 30 in. |
|---|---|---|---|
| Per doz..... | $22.50 | $26.50 | $30.00 |

No. 50. Panel.

| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|
| Per doz... | $15.00 | $16.50 | $18.00 | $20.00 | $21.50 |

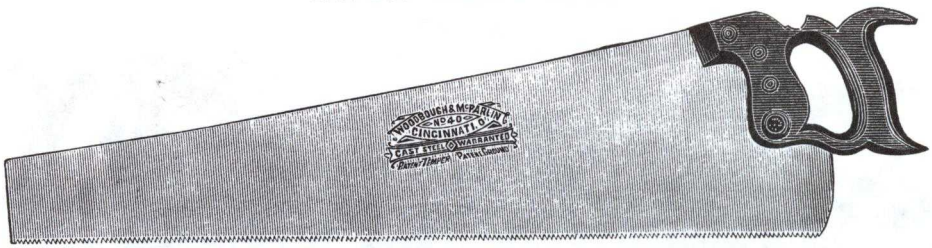
One-third dozen in a box.

# WOODROUGH & McPARLIN'S

## Warranted Extra Quality

## HAND, PANEL AND RIP SAWS.

No. 40. Hollow Back.




No. 40—Cast Steel, Beech Handle, Polished Edges, Four Improved Screws, Warranted.

| | 26 in | 28 in. | 30 in. |
|---|---|---|---|
| Per doz..... | $20.00 | $23.50 | $27.00 |

No. 40. Panel.

| | 16 in | 18 in. | 20 in | 22 in | 24 in. |
|---|---|---|---|---|---|
| Per doz... | $13.00 | $14.00 | $16.00 | $18.00 | $19.00 |

## No. 100. LEADER HAND SAW.

The Saw That Leads Them All.

Bow Belly, Silver Steel, Set and Filed Ready for Use.

This Saw having a three-eighths of an inch curve, or bow belly, will *cut faster* and easier than any other Hand Saw in use. In addition, it possesses all the latest improvements in Hand Saws, is carefully sharpened and set ready for use, and recommended to the purchaser as a first-class article.

No. 100—Extra Silver Steel, Extra Polished Blade, Apple Handle, Five Improved Screws.

| | 26 in. | 28 in. | 30 in. |
|---|---|---|---|
| Per doz..... | $25.00 | $29.00 | $33.00 |

**Woodrough & McParlin's No. 100 Panel Saw.**

| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|
| Per doz... | $16.50 | $18.00 | $20.00 | $22.00 | $24.00 |

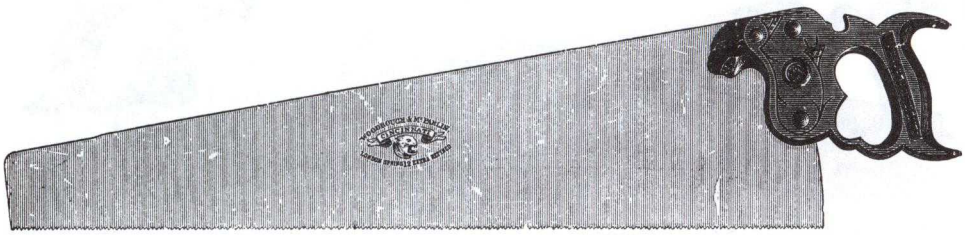
One-third dozen in a box.

# WOODROUGH & McPARLIN'S

## Warranted Extra Quality

## HAND, PANEL AND RIP SAWS.

No. 12.



No. 12—Extra Refined London Spring, Selected and Highly Polished Blades, Apple Handle, Carved, Four Improved Screws.

| | 26 in. | 28 in. | 30 in. |
|---|---|---|---|
| Per doz..... | $32.00 | $36.00 | $40.00 |

No. 12. Panel Saws.

| | 16 in. | 18 in. | 20 in. | 22 in | 24 in. |
|---|---|---|---|---|---|
| Per doz... | $21.00 | $23.00 | $25.00 | $28.00 | $30.00 |

No. 105.

No. 105—Apple Handle, Carved, Double Refined Diamond Steel, Extra Polished Blade, Four Improved Screws.

| | 26 in. | 28 in. | 30 in. |
|---|---|---|---|
| Per doz..... | $25.00 | $29.00 | $33.00 |

No. 105. Panel Saws.

| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|
| Per doz... | $16.50 | $18.00 | $20.00 | $22.00 | $24.00 |

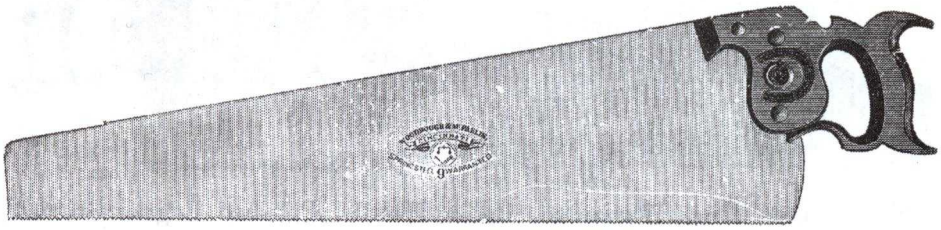
One-third dozen in a box.

# WOODROUGH & McPARLIN'S

## Warranted Extra Quality

## HAND, PANEL AND RIP SAWS.

No. 9.



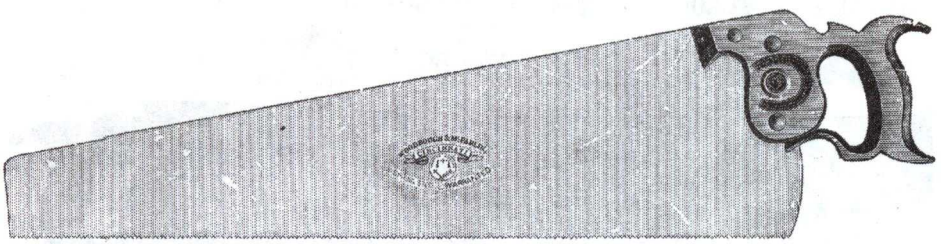
No. 9—Extra Spring Steel, Apple Handle, Polished Edges, Grained Blade, Four Improved Screws.

| | 26 in. | 28 in. | 30 in. |
|---|---|---|---|
| Per doz | $25.00 | $29.00 | $33.00 |

No. 9. Panel Saws.

| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|
| Per doz | $16.50 | $18.00 | $20.00 | $22.00 | $24.00 |

No. 8.



No. 8—Spring Steel, Warranted, Apple Handle, Grained Blade, Polished Edges, Four Improved Screws.

| | 26 in | 28 in. | 30 in |
|---|---|---|---|
| Per doz | $21.50 | $25.00 | $29.00 |

No. 8. Panel Saws.

| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|
| Per doz | $14.00 | $15.50 | $17.00 | $19.00 | $20.50 |

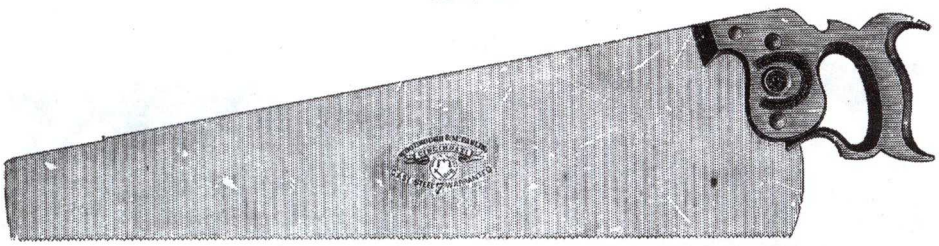
One-third dozen in a box.

# WOODROUGH & McPARLIN'S

## Warranted Extra Quality

## HAND, PANEL AND RIP SAWS.

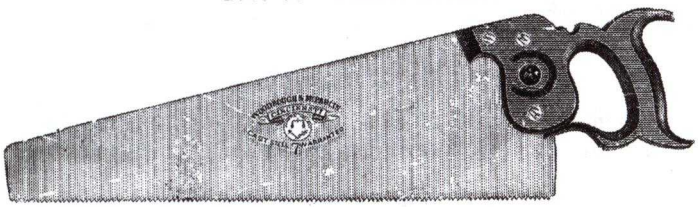
No. 7.



No. 7—Cast Steel, Warranted, Beech Handle, Polished Edges, Grained Blade, Four Improved Screws.

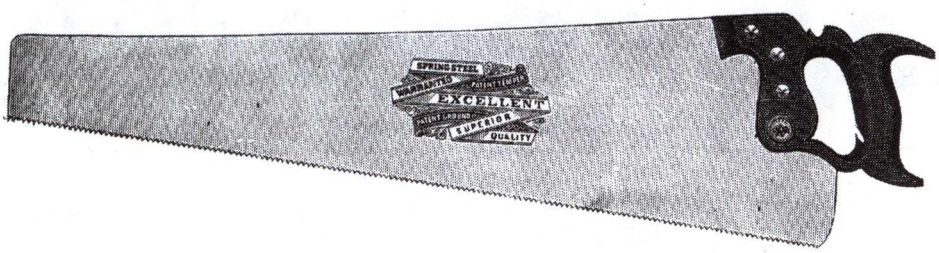
| | 26 in. | 28 in. | 30 in. |
|---|---|---|---|
| Per doz..... | $20.00 | $23.50 | $27.00 |

No. 7. Panel Saws.



| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|
| Per doz... | $13.00 | $14.00 | $16.00 | $18.00 | $19.00 |

No. 30.




No. 30—Apple Handle, Polished, Four Improved Screws, Polished Blade, Hollow Back.

| | 26 in. | 28 in. | 30 in. |
|---|---|---|---|
| Per doz..... | $18.00 | $20.00 | $23.00 |

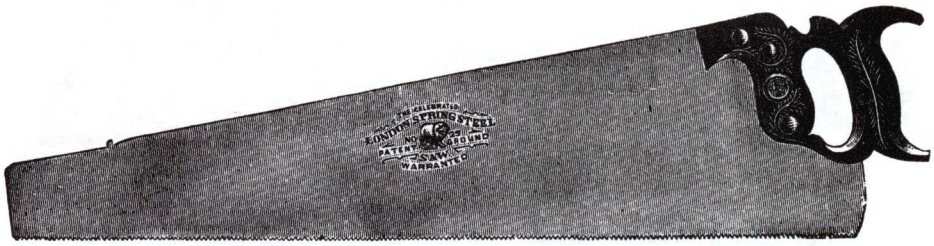
No. 30. Panel Saws.

| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|
| Per doz... | $11.00 | $12.00 | $13.25 | $14.50 | $16.00 |

One-third dozen in a box.

# Warranted Hand, Panel and Rip Saws.

No. 25.



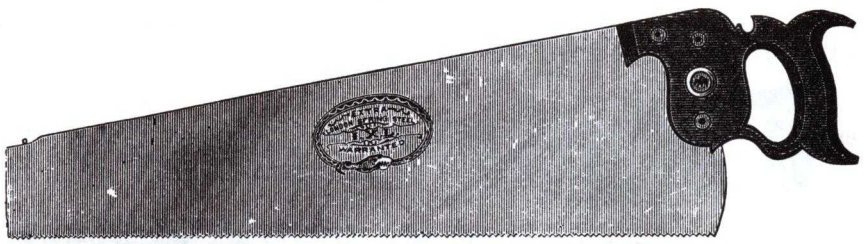
No. 25—Cherry Handle, Carved, London Spring Steel, Polished Blade, Four Improved Screws.

| | 26 in. | 28 in. | 30 in. |
|---|---|---|---|
| Per doz..... | $18.00 | $20.00 | $23.00 |

No. 25. Panel Saws.

| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|
| Per doz... | $11.00 | $12.00 | $13.25 | $14.50 | $16.00 |

No. 117.



No. 117—"Challenge," Cherry Handle, Polished Edges, Four Improved Brass Screws, Full Width, Etched to Order.

| | 26 in. | 28 in. | 30 in. |
|---|---|---|---|
| Per doz..... | $16.00 | $19.00 | $20.50 |

No. 117. Panel Saws.

| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|
| Per doz.... | $9.00 | $10.00 | $11.25 | $12.50 | $14.00 |

One-third dozen in a box.

# Warranted Hand, Panel and Rip Saws.

No. 1000.

No. 1000—Black Walnut Handle, Steel Plate, Glazed Blade, Four Raised Brass Screws.

| | 26 in. | 28 in. | 30 in. |
|---|---|---|---|
| Per doz | $9.50 | $11.00 | $13.00 |

No. 0.

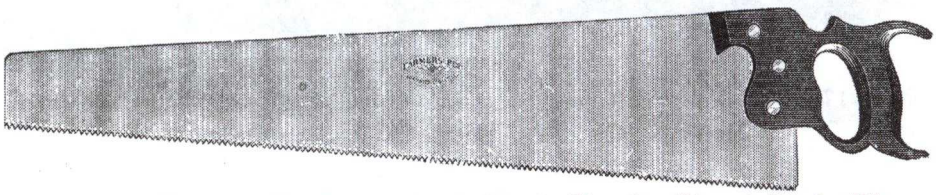
No. 0—"Victor," Cast Steel, Beech Handle, Polished Edges, Glazed Blade, Three Brass Screws, One Embossed.

| | 26 in. | 28 in. | 30 in. |
|---|---|---|---|
| Per doz | $7.00 | $8.50 | $10.00 |

No. 0. Panel Saws.

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|---|
| Per doz | $5.50 | $5.75 | $6.00 | $6.25 | $6.50 | $6.75 |

No. 00.



No. 00—"Farmer's Pet," Cast Steel, Beech Handle, Glazed Blade, Three Brass Screws.

| | 26 in. | 28 in. | 30 in. |
|---|---|---|---|
| Per doz | $6.00 | $7.50 | $9.00 |

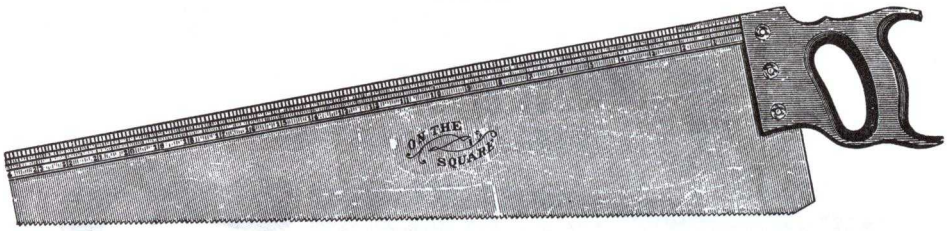
No. 00. Panel Saws.

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|---|
| Per doz | $3.50 | $3.75 | $4.00 | $4.50 | $5.00 | $5.50 |

One-half dozen in a box.

## Warranted Hand Saws.

No. 33.




No. 33—"On the Square" Combination Saw, 24-inch Rule, Straight-Edge and Square.

26 in. Hand, per doz ..... $8.00

One-half dozen in a box.

**Special Hand Saws Made to Order.**

## Saw Rods and Frames.

| | |
|---|---|
| Saw Rods, per doz ..... | $1.00 |
| " Frames, No. 1, per doz ..... | 1.50 |
| " " " 310, " ..... | 2.00 |
| " " " 350, " ..... | 2.50 |

## Warranted Cast Steel Double-Edged Pruning Saws.

Cast Steel, Warranted, Beech Handle, Polished Edges, Three Brass Screws.

| | 16 in. | 18 in. | 20 in. | 22 in. |
|---|---|---|---|---|
| Per doz ..... | $8.00 | $8.50 | $9.00 | $9.50 |

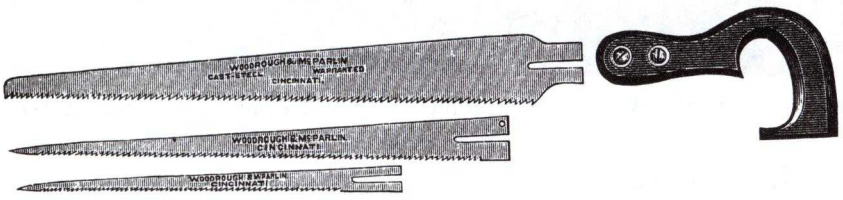
## Warranted Cast Steel Pruning Saws.

Usual Pattern, Beech Handle, Polished Edges, Two Brass Screws.

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. |
|---|---|---|---|---|---|
| Per doz ..... | $6.00 | $6.50 | $7.00 | $7.50 | $8.00 |

The above in one-half dozen boxes.

## Nest of Saws.




Combining (one each) Keyhole, Compass and Pruning Saws.

Price, per doz..... ..... $12.00

Three sets in box.

## Woodrough & McParlin's Patent Compass Saw.

PATENTED FEBRUARY 6, 1883.

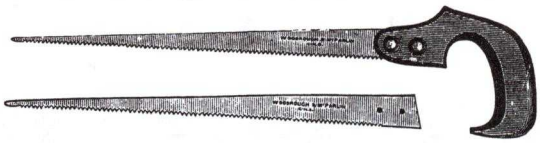
Apple Handle. Two Blades with each Saw.

| | 8 in. | 10 in. | 12 in. | 14 in. | 16 in. |
|---|---|---|---|---|---|
| Per doz..... | $5.50 | $5.75 | $6.00 | $6.25 | $6.75 |

One dozen in a box.

# Warranted Extra Quality Compass Saws.

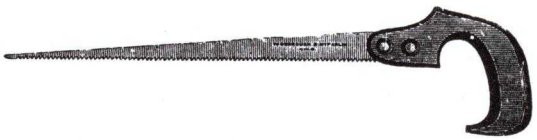
## Interchangeable Compass Saws.



Apple Handle, Two Raised Rivets, and Two Blades with each Saw.

| | 10 in. | 12 in. | 14 in. | 16 in. |
|---|---|---|---|---|
| Per doz..... | $5.75 | $6.00 | $6.25 | $6.75 |

## Warranted Cast Steel Compass Saws.



| | 8 in. | 10 in. | 12 in. | 14 in. | 16 in. |
|---|---|---|---|---|---|
| No. 1, per doz... | $4.00 | $4.25 | $4.50 | $4.75 | $5.00 |
| " 2, " ... | 3.00 | 3.25 | 3.50 | 3.75 | 4.00 |

The above in one-half dozen boxes.

## Warranted Cast Steel Keyhole Saws.

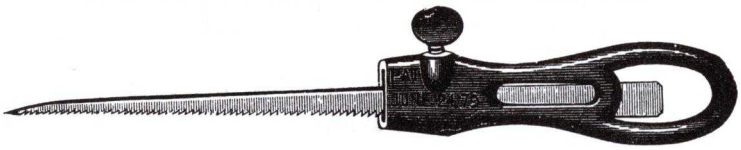
| | |
|---|---|
| Per doz..... | $2.50 |
| Extra Blades for same, per doz..... | 1.50 |

## Warranted Extra Cast Steel Keyhole or Fret Saw Blades.

| | |
|---|---|
| Assorted, 6 to 12 in..... | $1.25 |

The above in one dozen boxes.

## McNiece's Patent Keyhole Saw and Pad.



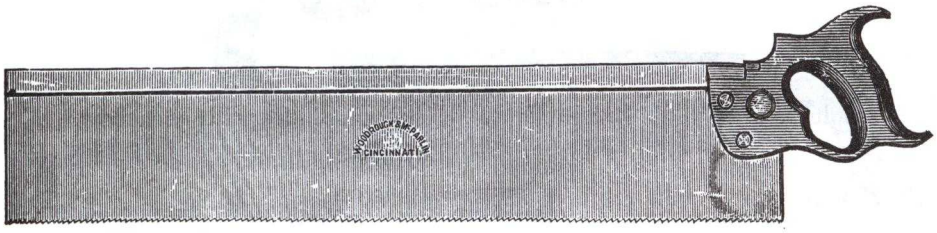
| | |
|---|---|
| Keyhole Saw, with Handle, per doz..... | $2.75 |

The above in one-half dozen boxes.

# WOODROUGH & McPARLIN'S

## Spring Steel, Apple Handle, Polished Edge, Steel Back,

## MITRE-BOX SAW.



No. 8—Back Saws, for Mitre-Box, 4 inches under back.

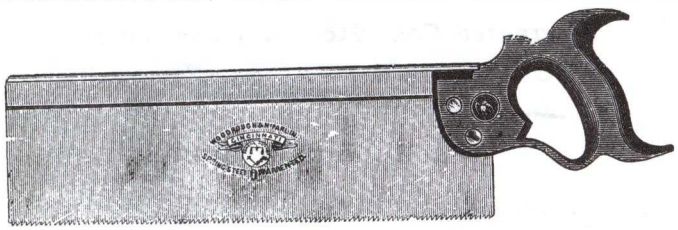
| | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. | 28 in. | 30 in. |
|---|---|---|---|---|---|---|---|
| Per doz.... | $22.00 | 24.00 | 26.00 | 28.00 | 30.00 | 32.00 | 34.00 |

Same Saw, 6 inches under back.

| | 24 in. | 26 in. | 28 in. | 30 in. |
|---|---|---|---|---|
| Per doz..... | $34.00 | 37.00 | 40.00 | 43.00 |

Above in one-third dozen boxes.

## WARRANTED CAST STEEL BACK SAWS.



No. 8—Woodrough & McParlin's Spring Steel, Apple Handle, Polished Edges, Blued Steel Backs.

| | 8 in. | 10 in. | 12 in. | 14 in. | 16 in. | 18 in. |
|---|---|---|---|---|---|---|
| Per doz..... | $13.00 | 14.00 | 16.00 | 18.00 | 22.00 | 24.00 |

No. 7—Back Saws, Cast Steel, Beech Handle, Polished Edges, Blued Steel Backs.

| | 8 in. | 10 in. | 12 in. | 14 in. | 16 in. | 18 in. |
|---|---|---|---|---|---|---|
| Per doz... ... | $10.50 | 11.00 | 13.00 | 15.00 | 17.00 | 20.00 |

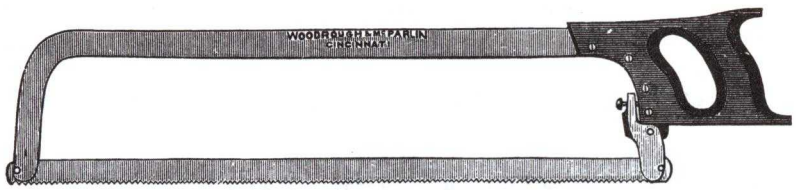
No. 4—Back Saws, "Ohio Saw Works," Cast Steel, Beech Handle, Blued Steel Backs.

| | 8 in | 10 in. | 12 in. | 14 in. | 16 in. | 18 in. |
|---|---|---|---|---|---|---|
| Per doz..... | $9.00 | 10.00 | 12.00 | 14.00 | 16.00 | 18.00 |

Above in one-third dozen boxes.

# Woodrough & McParlin's Celebrated Steel Back Butcher Bow Saws.

## No. 7.




Patented May 9, 1882.

This Saw supplies a want long felt by butchers—a Saw from which the blade can be readily removed or attached. No skill is necessary to insert or remove the blade; there is no clumsy buckle at the heel of the Saw to gather the meat, and altogether it is the best Saw for butchers' use offered to the trade.

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. |
|---|---|---|---|---|---|---|---|
| Price, per doz... | $16.00 | 16.50 | 17.00 | 18.00 | 19.00 | 20.00 | 21.00 |

## EXTRA BLADES.

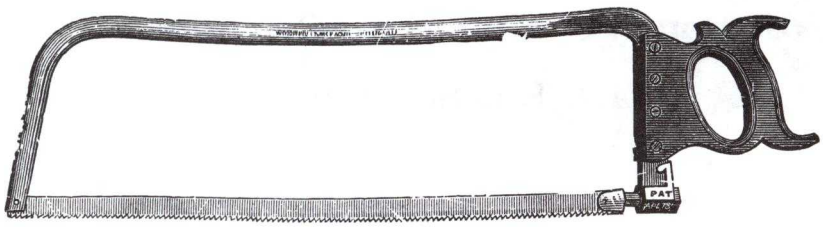
| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. |
|---|---|---|---|---|---|---|---|
| Price, per doz.... | $3.75 | 4.25 | 4.75 | 5.25 | 5.75 | 6.25 | 6.50 |

Above in one-third dozen boxes.

# Warranted Cast Steel Butcher Bow Saws.

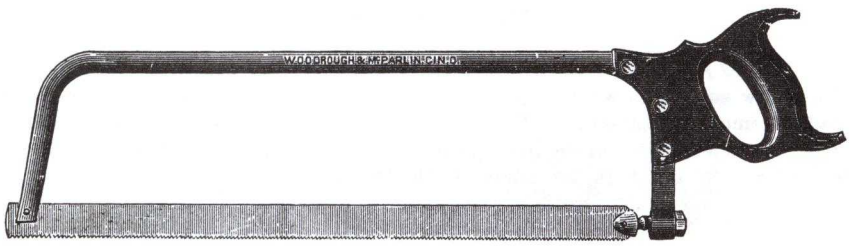
## No. 3. WESTERN PATTERN.

Oval Iron Back.



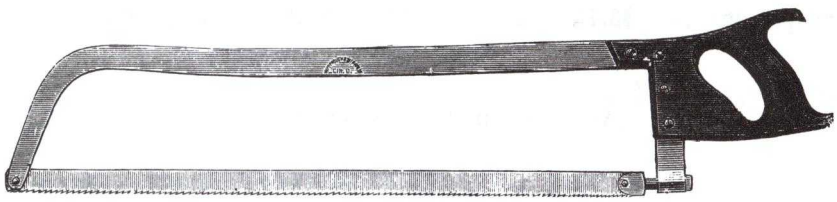
| | 20 in. | 22 in. | 24 in. | 26 in. | 28 in. |
|---|---|---|---|---|---|
| Price, per doz..... | $18.50 | 20.00 | 21.50 | 23.00 | 25.00 |

## No. 4. OVAL IRON BACK.



| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. |
|---|---|---|---|---|---|---|---|
| Price, per doz... | $15.25 | 16.00 | 17.00 | 18.00 | 19.00 | 20.00 | 21.00 |

## No. 5. FLAT BACK.

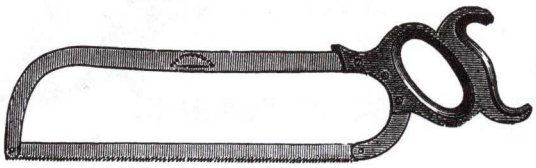


| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. |
|---|---|---|---|---|---|---|---|
| Price, per doz... | $11.00 | 12.00 | 13.00 | 14.00 | 15.00 | 16.00 | 18.00 |

Above in one-third dozen boxes.

# Warranted Cast Steel Butcher Bow Saws.

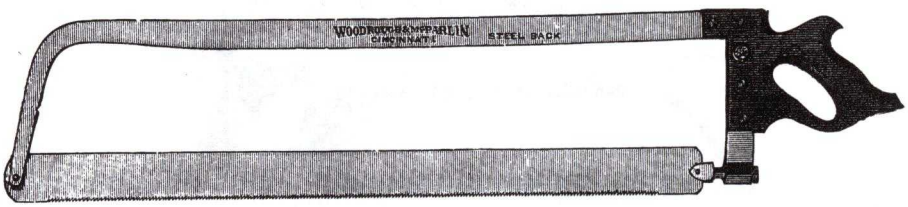
## No. 6. SPRING BACK. Iron.



| | 12 in. | 13 in. | 14 in. | 15 in. | 16 in. | 18 in. |
|---|---|---|---|---|---|---|
| Price, per doz... | $9.00 | 9.50 | 10.00 | 10.50 | 11.00 | 12.00 |

The above in one-half dozen boxes.

## CAST STEEL BEEF SPLITTERS.—Single Handle.




| | 30 in. | 32 in. |
|---|---|---|
| Each..... | $4.00 | 4.50 |

## CAST STEEL BEEF SPLITTERS.—Double Handle.

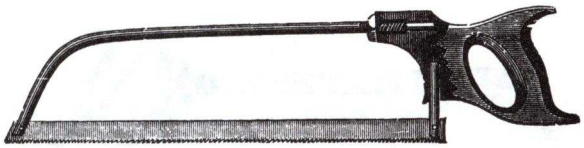
| | 33 in. | 36 in. |
|---|---|---|
| Each..... | $5.50 | 6.00 |

## EXTRA BLADES FOR SAME.

| | 33 in. | 36 in. |
|---|---|---|
| Price, per doz..... | $11.00 | 12.00 |

Above in one-third dozen boxes.

# Woodrough & McParlin's Kitchen Saws and Knives.

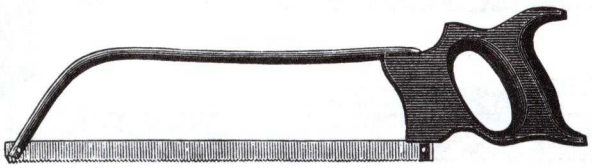


Patented January 17, 1882.

A Saw from which the blade can be easily removed or attached, and the tension regulated by means of a tightening nut, an advantage possessed by no other cheap Kitchen Saw in the market. The above cut represents the manner in which the handle is attached to the frame.

| | 12 in. | 14 in. | 16 in. |
|---|---|---|---|
| Price, per doz | $6.00 | 7.00 | 8.00 |

## No. 2 KITCHEN SAW.



| | 12 in. | 14 in. | 16 in. |
|---|---|---|---|
| Price, per doz | $4.50 | 5.50 | 6.50 |

## No. 0 CAST STEEL KITCHEN SAW.

No. 1 Qual. 12-inch Kitchen Saws, per doz..... $5.25

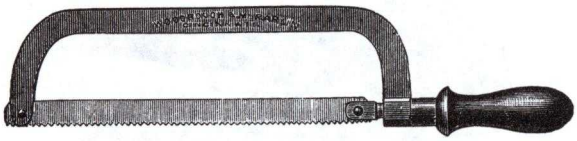
The above in one-half dozen boxes.

No. 1 Qual. 12-inch Saw Knives, per doz..... $5.00
" 2 " " " " " ..... 4.00

Above in one dozen boxes.

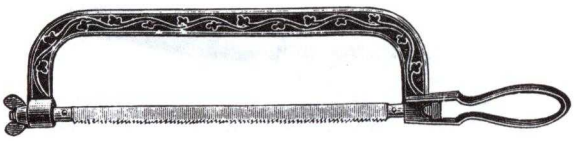
# Warranted Extra Quality

## HACK AND PORK PACKERS' SAWS.



### No. 1 Hack Saws, Steel Backs.

| | 8 in. | 9 in. | 10 in | 12 in. | 14 in. |
|---|---|---|---|---|---|
| Price, per doz.. | $12.00 | 12.50 | 13.00 | 14.00 | 15.00 |

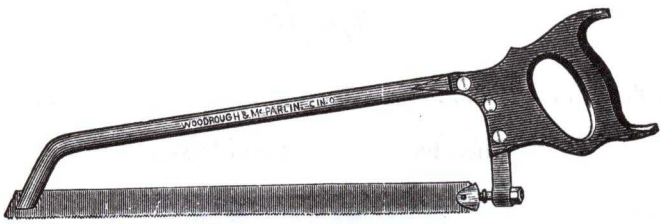


### No. 2 Hack Saws, Iron Backs.

With one dozen extra Blades.

| | 6 in. | 7 in. | 8 in. | 9 in | 10 in. | 12 in. |
|---|---|---|---|---|---|---|
| Price, per doz... | $9.25 | 10.00 | 10.50 | 11.25 | 12.00 | 13.25 |

One-half dozen in a box.

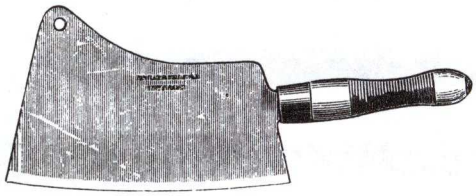



### Pork Packers' Saws.

| | 14 in | 16 in. | 18 in. |
|---|---|---|---|
| Price, per doz..... | $15.25 | 16.00 | 17.00 |

Above in one-third dozen boxes.

## WARRANTED CAST STEEL HAND CHOPPERS.



| | 6 in. | 7 in. | 8 in. |
|---|---|---|---|
| Price, per doz | $8.50 | 9.75 | 11.00 |

Above in one-quarter dozen packages.

## WARRANTED CAST STEEL KITCHEN CHOPPERS.

6-inch, per doz ..... $6.00

Above in one-half dozen boxes.

## WARRANTED CAST STEEL MINCING KNIVES.

NEW PATTERN.

Price, per doz ..... $2.50

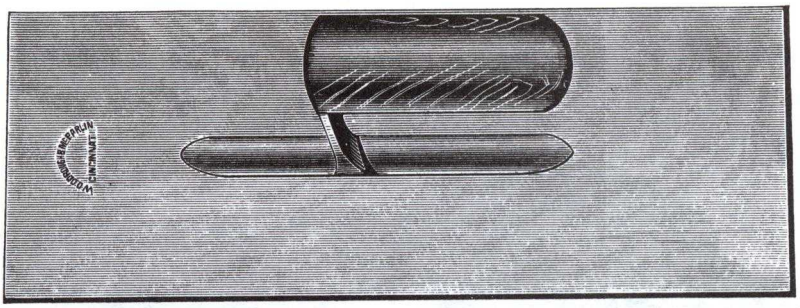
The above in one dozen boxes.

## WARRANTED CAST STEEL CABINET SCRAPERS.

| | | |
|---|---|---|
| Cabinet Scrapers, 2x4 to 3x6 in., per doz | ..... | $1.00 |
| Wall Scrapers, 5x6 in., " | ..... | 2.50 |
| Currier Blades, "black," " | ..... | 1.50 |
| " " polished, " | ..... | 2.00 |

## THE CELEBRATED CINCINNATI

# Warranted Cast Steel Plastering Trowels.



Usual Quality, Poplar Handles.

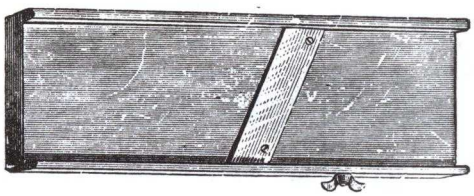
| | 10½ in. | 11 in. | 11½ in. | 12 in. | 12½ in. | 13 in. |
|---|---|---|---|---|---|---|
| Per doz..... | $12.50 | 13.00 | 13.50 | 14.00 | 15.00 | 16.00 |

Extra Quality Trowels, Etched Blades, Walnut Handles.

| | 10½ in. | 11 in. | 11½ in. | 12 in. | 12½ in. | 13 in. |
|---|---|---|---|---|---|---|
| Per doz..... | $14.00 | 14.50 | 15.00 | 15.50 | 16.50 | 17.50 |

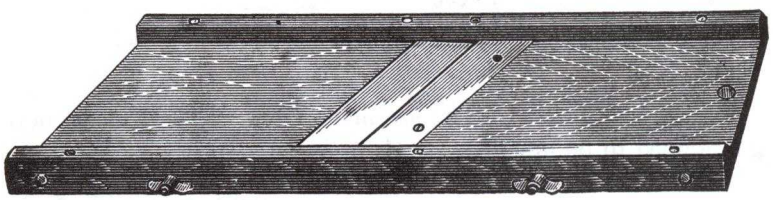
---

## No. 1 SLAW CUTTER. ONE KNIFE.



Per doz..... $3.50

## No. 2 SLAW CUTTER. TWO KNIVES.

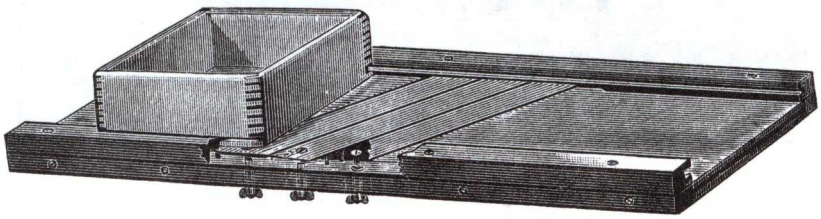


Per doz ..... $5.50

# Woodrough & McParlin's Patent Kraut Cutter.

## Movable Knife Appliance.

Patented September 6, 1887.



DIRECTIONS FOR USE.

This device may be adjusted to cut fine or coarse by loosening the thumb screws underneath, turning the wire regulators to the desired position, and again tightening the screws. To make the coarsest cut, the legs of the regulators are turned against the wooden side strips. To make the finest (the most desirable for slaw), the legs of the regulators are turned against the back edge of the cutters. An intermediate cut is made by adjusting the regulators at points between the backs of the blades and the side strips. To sharpen the blades, remove one of the top strips and take out the thumb screws on that side, when the blades may be removed.

| | | | | | |
|---|---|---|---|---|---|
| No. 1. | 1 Knife, with box, | 8x26, | per doz | | $15.60 |
| " 2. | 2 Knives, " | 8x26, | " | | 16.00 |
| " 3. | 3 " " | 8x26, | " | | 18.50 |
| " 4. | 4 " " | 8x26, | " | | 20.00 |
| " 5. | 3 " " | 9x30, | " | | 30.00 |
| " 6. | 4 " " | 9x30, | each | | 2.75 |
| " 7. | 2 " " | 12x36, | " | | 3.60 |
| " 8. | 3 " " | 12x36, | " | | 4.00 |
| " 9. | 4 " " | 12x36, | " | | 4.50 |
| " 10. | 3 " " | 12x40, | " | | 4.50 |
| " 11. | 4 " " | 12x40, | " | | 5.00 |

Our Slaw and Kraut Cutters are made from well-seasoned Cherry, and fully guaranteed to be first-class goods in every respect.

Packed in quantities to order.

# Warranted Best Quality Billet Webs.

Bow Belly, Silver Steel, Thin Back. Set and Filed Ready for Use. Fully Warranted.

| | | | | | |
|---|---|---|---|---|---|
| No. 10. | 30 inches, | Bow Belly, | per doz | | $6.00 |
| " 10. | 32 " | " | " | | 6.25 |
| " 7. | 30 " | " | " | Cast Steel | 5.00 |
| " 7. | 32 " | " | " | " | 5.25 |
| " 12. | 30x1⅜, | " | " | Clock Spring | 5.25 |
| " 13. | 30x1⅜, | Straight, | " | " | 5.00 |
| " 14. | 30x2¼, | " | " | " | 5.50 |
| " 15. | 30x2¼, | Bow Belly, | " | " | 6.00 |

No. 88. 30x2 inches, Champion, Plain, per doz ..... $3.00
" 88. 30x2¼ " " Thin Back, S. and S., per doz .... 4.50

No. 77. 30x2 inches, Telegraph, Plain, per doz ..... $3.00
" 77. 30x2¼ " " Thin Back, S. and S., per doz .... 4.50

No. 1. W. & McP., 30 inches, Spring Steel, Thin Back, Set and Sharpened, per doz ..... $6.25
" 6. W. & McP., 30 inches, Cast Steel, Thin Back, Set and Sharpened, per doz ..... 6.00

No. 2. W. & McP., 30 inches, Cast Steel, Thin Back, Set and Sharpened, per doz ..... $3.75
" 3. Rogers, 30 inches, Cast Steel, Set and Sharpened, per doz.. 2.75
" 0. Cox, 30 inches, Plain, per doz ..... 1.75

Above in one-half dozen packages.

## No. 350. PEERLESS. Vermilion Red.

No. 7. 30 inches, W. & McP., Spring Steel, Thin Back, Set and Sharpened, per doz..... $11.00

" 88. 30 inches, W. & McP., Spring Steel, Champion Tooth, Thin Back, Set and Sharpened, per doz..... 11.50

## No. 360. PEERLESS. Vermilion Red.

Complete, with No. 7 Bow Belly, Clock Spring Blade.

No. 7, Bow Belly Web, per doz..... $11.00

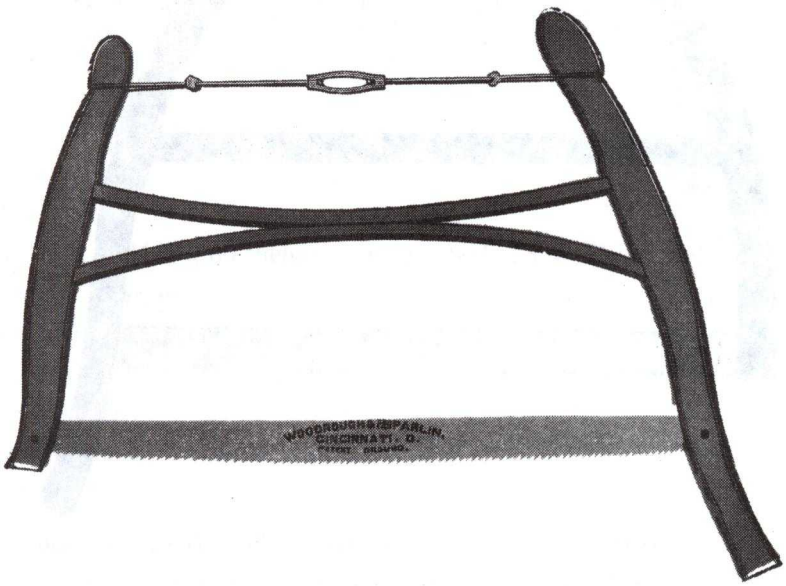
Half dozen in a box complete.

No. 370 **PEERLESS.** Vermilion Red.

Complete, with Special Narrow B. B. No. 7 Spring Steel Blade.

No. 7, Bow Belly Web, per doz..... $11.00

No. 380. **PEERLESS.** Vermilion Red.

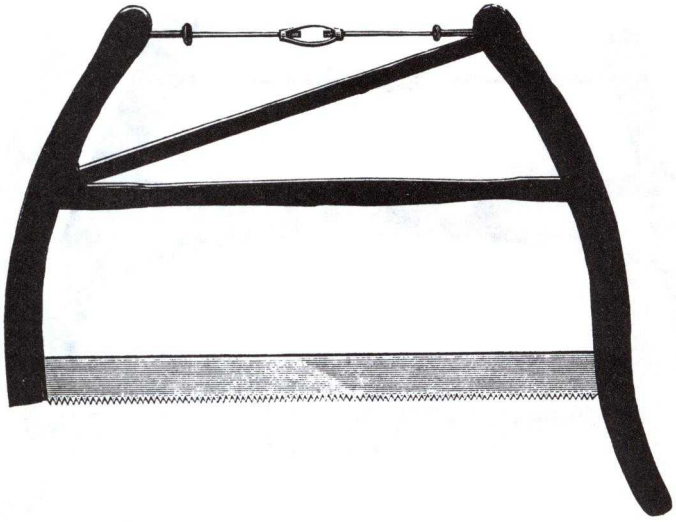



Complete, with No. 7 B. B. Narrow Clock Spring Blade.

No. 7, Bow Belly Web, per doz..... $11.00

Half dozen in a box complete.

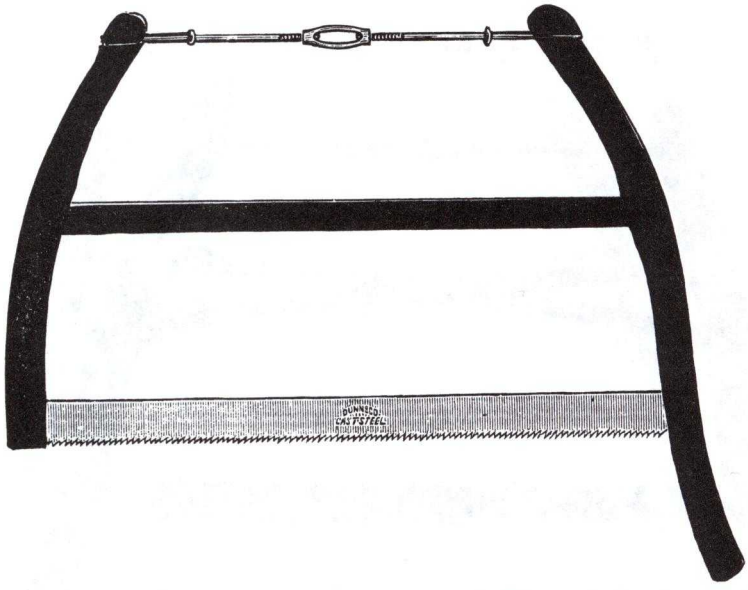
No. 310. PATENT FRAMED. Vermilion Red.



No. 7, Bow Belly Web, per doz..... $10.00

Half dozen in a box complete.

Warranted Cast Steel Red Framed Wood Saws.




No. 1. W. & McP., 30 inches, Spring Steel, Thin Back, Set and Sharpened, per doz..... $9.00

" 1. W. & McP., 30 in., Cast Steel, Set and Sharpened, per doz.. 8.25

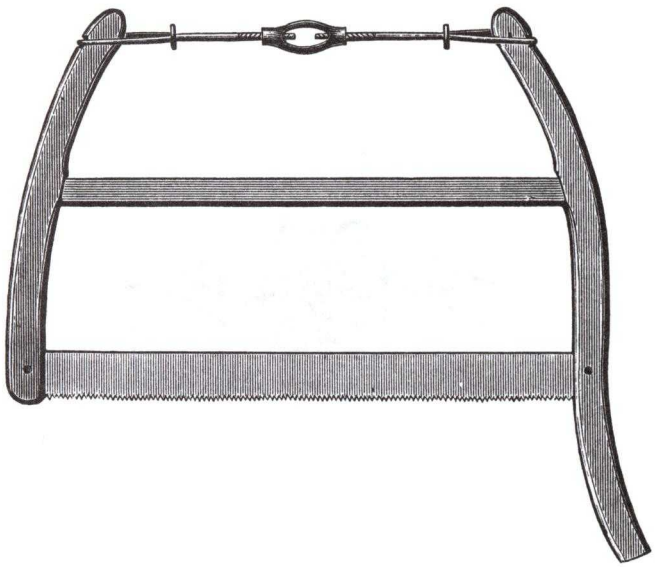
" 2. W. & McP., 30 " " " " " .. 6.75

" 3. Rogers, 30 " " " " " .. 5.50

Telegraph Tooth, 30 " " " " " .. 6.75

## WARRANTED CAST STEEL FRAMED WOOD SAWS.

NOT PAINTED.



| | | |
|---|---|---|
| No. 1. | W. & McP., 30 inches, Spring Steel, Thin Back, Set and Sharpened, per doz | $8.00 |
| " 1. | W. & McP., 30 in., Cast Steel, Set and Sharpened, per doz | 7.25 |
| " 2. | W. & McP., 30 " " " " " | 5.75 |
| " 3. | Rogers, 30 " " " " " | 5.00 |
| Telegraph Tooth, | 30 " " " " " | 5.75 |

HARVEY W. PEACE CO.

# VULCAN SAW WORKS

BROOKLYN, N. Y.

Patent Tempered and Patent Ground Saws

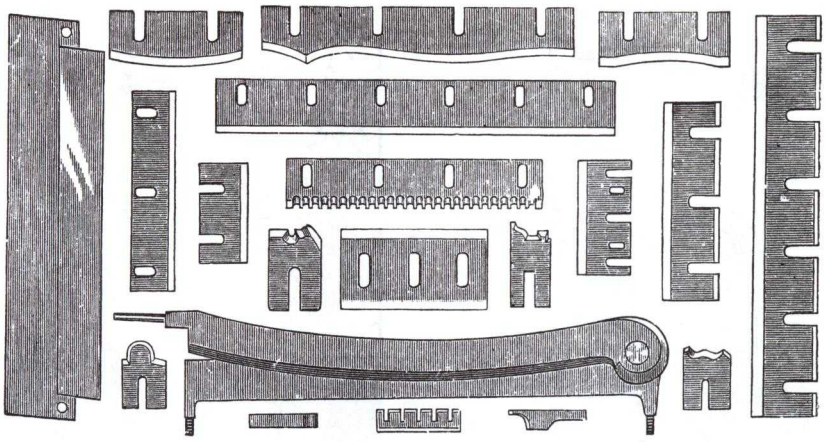
OF ALL KINDS

MAIN OFFICE

NEWARK, N. J.

| | | |
|---|---|---|
| Circular Saws, | see page | 6 |
| Segments, | " | 12 |
| Mandrels, | " | 13–14 |
| Mill Saws, | " | 16 |
| Gang Saws, | " | 17 |
| Drag Saws, | " | 18 |
| Pit Saws, | " | 19 |
| Pond and Hand Ice Saws, | " | 20 |
| Cross-Cut Handles, | " | 88 |
| Turning Webs, | " | 52 |
| Cabinet Webs, | " | 53 |
| Fay Webs, | " | 53 |
| Cabinet Scrapers, | " | 66 |
| Wall Scrapers, | " | 65 |
| Butcher Block Scrapers, | " | 65 |
| Mitre Rods, | " | 66 |
| Baker Scrapers, | " | 66 |

# MACHINE KNIVES.



## PLANER KNIVES, 6 to 31 Inches Long.

| | |
|---|---|
| 4 inches or less wide, $\frac{3}{8}$ or less thick | 12 cents per inch. |
| Knives $\frac{7}{16}$ inch thick | 10 per cent. advance. |
| Knives $\frac{1}{2}$ inch thick | 15 " " |

## KNIVES 6 Inches Long or Less.

| | |
|---|---|
| 2 inches long or less, 6 inches wide or less | 50 cents each. |
| Over 2 to 4 inches long, 6 inches wide or less | 62 " " |
| Over 4 to 6 " 6 " " " | 75 " " |

DIRECTIONS FOR ORDERING PLANER KNIVES.—Place the Knife face down upon paper, mark around to give the length and *position of slots*, then turn the knife on the end and mark around to give the thickness and bevel. Give the dimensions on the pattern thus: 2 knives, 24x3½x⅜.

| | |
|---|---|
| All Moulding Cutters, with edge worked to pattern | 40 cents per inch. |
| Moulding Cutter Blanks (not tempered) $1\frac{3}{4}$ in. long or less. | 25 " each. |
| Over $1\frac{3}{4}$ in. long | 20 " per inch. |

## Stave Knives, Mitre Knives, Spoke Knives, Paper Knives, Chopping Knives, Shingle Knives.

Prices on application.

Parties ordering Knives should send us a pattern, showing the bevel side, giving the exact length, distances between slots, what temper is required (whether hard, medium or soft), and number of Knives in a set, so that they can be properly balanced. These patterns we preserve for future orders. We guarantee all knives to balance.

## DIAMOND TOOTH.

No. 1, Four Gauges Thinner on Back than on Teeth.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.56 | $2.88 | $3.20 | $3.52 | $3.84 | $4.16 | $4.48 | $4.80 | $5.12 each. |

## COMMON TOOTH.

No. 1, Four Gauges Thinner on Back than on Teeth.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.32 | $2.61 | $2.90 | $3.19 | $3.48 | $3.77 | $4.06 | $4.35 | $4.64 each. |

No. 2, Two Gauges Thinner on Back than on Teeth.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.16 | $2.43 | $2.70 | $2.97 | $3.24 | $3.51 | $3.78 | $4.05 | $4.32 each. |

## FEATHER EDGE.

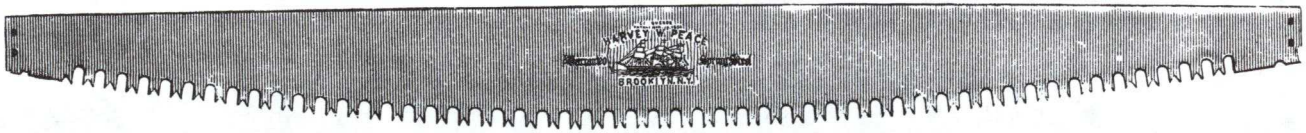
No. 1, Four Gauges Thinner on Back than on Teeth.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft |
|---|---|---|---|---|---|---|---|---|
| $2.56 | $2.88 | $3.20 | $3.52 | $3.84 | $4.16 | $4.48 | $4.80 | $5.12 each. |

No. 2, Two Gauges Thinner on Back than on Teeth.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.32 | $2.61 | $2.90 | $3.19 | $3.48 | $3.77 | $4.06 | $4.35 | $4.64 each. |

## LIGHTNING TOOTH.




No. 1, Four Gauges Thinner on Back than on Teeth.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.56 | $2.88 | $3.20 | $3.52 | $3.84 | $4.16 | $4.48 | $4.80 | $5.12 each. |

## CHAMPION TOOTH.

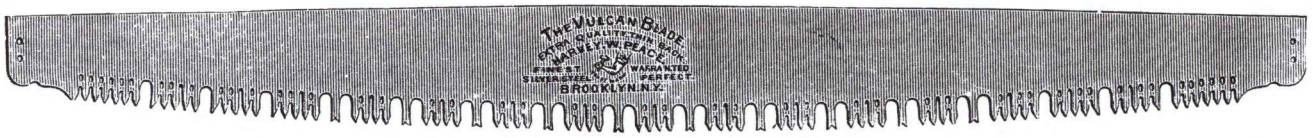
Champion Tooth, No. 1, Four Gauges Thinner on Back than on Teeth (14x18 Gauge).

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.32 | $2.61 | $2.90 | $3.19 | $3.48 | $3.77 | $4.06 | $4.35 | $4.64 each. |

Champion Tooth, No. 2, Two Gauges Thinner on Back than on Teeth (14x16 Gauge).

| 4 ft. | 4½ ft | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $2.16 | $2.43 | $2.70 | $2.97 | $3.24 | $3.51 | $3.78 | $4.05 | $4.32 each. |

## VULCAN BLADE.




## HUMBOLDT OR CALIFORNIA.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $4.00 | $4.50 | $5.00 | $5.50 | $6.00 | $6.50 | $7.00 | $7.50 | $8.00 each. |

These Saws are ground by improved machinery, by which the Saw receives a uniform taper from tooth to back, making it 4 and 5 gauges thinner on back than on tooth. The very best crucible steel that can be made is used in these Saws. Each Saw is set and sharpened ready for use. These Saws are papered and guarded so that they can be shipped separately.

## HOLLOW BACK OR NARROW CROSS-CUT SAWS, WITHOUT HANDLES.

| | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|---|
| Champion Tooth..... | $1.44 | $1.62 | $1.80 | $1.98 | $2.16 | $2.34 | $2.52 | $2.70 | $2.88 each. |
| Diamond and Special Teeth. | $1.52 | $1.71 | $1.90 | $2.09 | $2.28 | $2.47 | $2.66 | $2.85 | $3.04 each. |

## CELEBRATED GIANT TREE SAWS.

Without Handles.

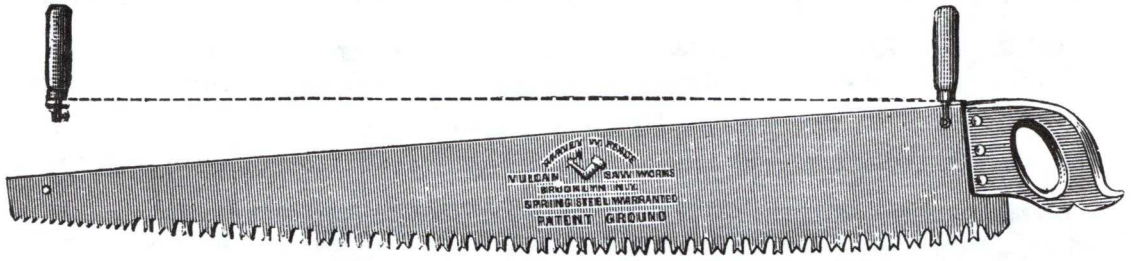
PATENTED MAY 18, 1880.

| 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. | 6½ ft. | 7 ft. | 7½ ft. | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| $1.52 | $1.71 | $1.90 | $2.09 | $2.28 | $2.47 | $2.66 | $2.85 | $3.04 each. |

These Saws are specially adapted to the purpose, and will *cut faster* than any other Narrow Cross-Cut Saw now in the market, working with *less friction* and greater ease, and will make a *straight cut.* For use in hard wood or sawing down trees they are *not equaled.*

# One Man Saws, with Supplementary Handle.

## CHAMPION TOOTH.




| 3 ft. | 3½ ft. | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. |
|---|---|---|---|---|---|---|
| $2.25 | $2.60 | $3.00 | $3.35 | $3.70 | $4.10 | $4.45 each. |

Plain Tuttle and Tenon Tooth same price as Champion.

## LIGHTNING TOOTH.

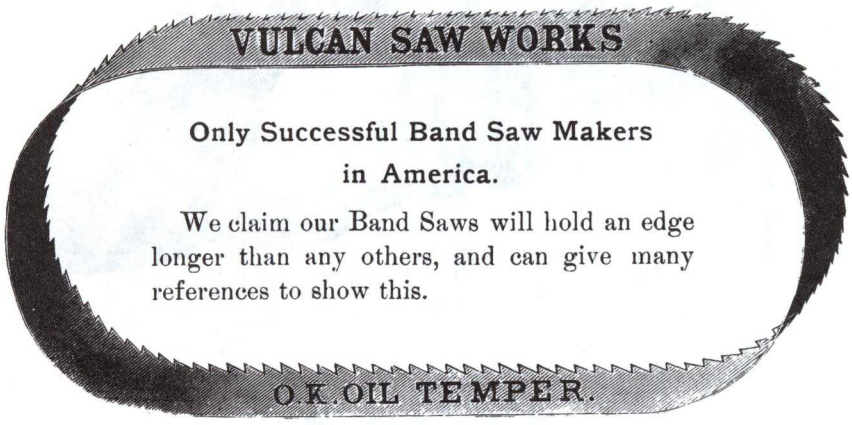
| 3 ft. | 3½ ft. | 4 ft. | 4½ ft. | 5 ft. | 5½ ft. | 6 ft. |
|---|---|---|---|---|---|---|
| $2.55 | $2.75 | $3.25 | $3.65 | $4.10 | $4.55 | $5.00 each. |

The above in quarter dozen bundles.

# HARVEY W. PEACE CO.'S

## PATENT TEMPERED EXTRA CAST STEEL "O. K." BAND SAW BLADES.

Quality Unequaled and Guaranteed.


VULCAN SAW WORKS
Only Successful Band Saw Makers in America.
We claim our Band Saws will hold an edge longer than any others, and can give many references to show this.
O.K. OIL TEMPER.

Band Saws filed to sharp corner in gullet of tooth are liable to crack, and when breaking from this cause will not be replaced. Use Round Cornered Files.

### Not Joined, Set or Filed.

| Width, inches | $\frac{1}{8}$ | $\frac{3}{16}$ | $\frac{1}{4}$ | $\frac{5}{16}$ | $\frac{3}{8}$ | $\frac{1}{2}$ | $\frac{5}{8}$ |
|---|---|---|---|---|---|---|---|
| 21 Gauge, per foot | 7c. | 7c. | 7c. | 8c. | 8c. | 10c. | 12c. |
| Width, inches | | | $\frac{3}{4}$ | $\frac{7}{8}$ | 1 | | $1\frac{1}{8}$ |
| 20 Gauge, per foot | | | 14c. | 16c. | 18c. | | 20c. |
| Width, inches | $1\frac{1}{4}$ | | $1\frac{3}{8}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | | 2 |
| 19 Gauge, per foot | 23c. | | 26c. | 28c. | 34c. | | 40c. |
| Width, inches | | | $2\frac{1}{4}$ | $2\frac{1}{2}$ | $2\frac{3}{4}$ | | 3 |
| 18 Gauge, per foot | | | 48c. | 56c. | 70c. | | 80c. |
| Width, inches | | | | | | | $3\frac{1}{2}$ |
| 17 Gauge, per foot | | | | | | | $1.00 |

| Width, inches | 4 | $4\frac{1}{2}$ | 5 | $5\frac{1}{2}$ | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| 16 Gauge, per foot | $1.20 | 1.35 | 1.50 | 1.65 | 1.80 | 2.10 | 2.40 | 2.80 | 3.25 |

**Setting and Filing** to 2 inches, 4c. per foot; over 2 inches, 6c. per foot.

**Brazing** to $\frac{1}{2}$ inch in width 40c. each; to 1 inch, 60c each; to 2 inches, $1.00 each; to 3 inches, $2.00 each; to 4 inches, $4.00 each; to 6 inches, $6.00 each; to 8 inches, $8.00 each; to 10 inches, $10.00 each.

| | | | |
|---|---|---|---|
| Brazing Clamps, | | each | $4.50 |
| " Tongs, | small size, | " | 2.00 |
| " " | medium size, | " | 2.75 |
| " " | large size, | " | 5.50 |
| Filing Vises, | | " | 10.00 |
| Silver Solder, | | per ounce | 2.50 |

# Peace's Celebrated Perfection Saws.

## P70, P68, P47, P37, P26, P24, P27.

In offering to the favorable consideration of the Trade our new line of Hand, Panel and Rip Saws, as shown on these pages, we would say they have for some time been quietly but largely introduced to the mechanics of this country, and the universal opinion has been given that they are the most complete Saws ever made. The many points of excellence they possess can be seen at a glance, and are the result of much careful study and expense, combined with the life experience of Mr. Harvey W. Peace as a Saw manufacturer, whose name, appearing on all our warranted Saws, is sufficient guarantee for maintenance of the high standard for quality which these Saws have obtained among mechanics as the *Best Saws in all respects yet produced*, and are fast superseding the old style.

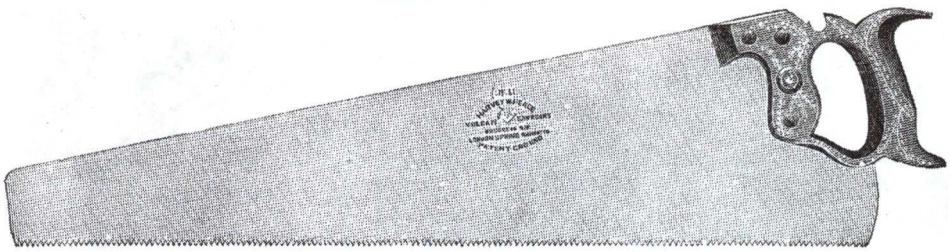
In these Saws, Nos. P70, P68, P47, P37, P26, P24, P27, the user is brought nearer his work, and the weight of the Saw is brought nearer the wrist of the operator, avoiding entirely the "heavy at the point" feeling, which all other styles possess, and giving complete control of the Saw. In carrying the handle of the Saw forward onto the Blade we not only stiffen the Blade, and *avoid weakening the handle* by splitting it nearly in two as in some other styles, but add to its strength by a nickel plated re-inforce plate, which is applied to the weakest part of the handle, thus stiffening the heel of the blade and strengthening the handle. This improvement was patented July 3d, 1883.

The Saws Nos. P70 and P68, have in addition to the above improvements, the hand-piece of the handle so shaped as to fit the hand better than the usual shape, and to avoid cramping the fingers. This improvement is much liked by mechanics, and was patented July 17th, 1883.

# HARVEY W. PEACE

## Extra Refined London Spring Steel, Patent Ground and Tempered, HAND, PANEL AND RIP SAWS.

### No. P70. RIP.



Patented July 3d, 1883, and July 17th, 1883.

Extra Refined London Spring Steel, *Highly Polished Blade*, Carved and Full Polished Apple Handle, Patent Shaped Hand-piece, four Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted. *Without exception the Finest Saw Manufactured.*

28 inches, per dozen..... $38.00
30 " " ..... 43.00

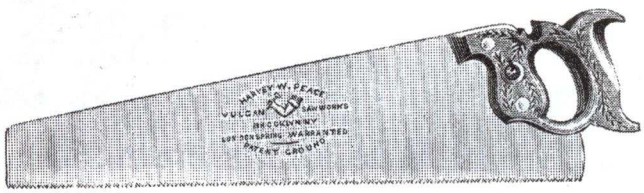
### No. P70. HAND.

Patented July 3d, 1883, and July 17th, 1883.

Extra Refined London Spring Steel, *Highly Polished Blade*, Carved and Full Polished Apple Handle, Patent Shaped Hand-piece, four Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted. *Without exception the Finest Saw Manufactured.*

26 inches, per dozen..... $33.00

### No. P70. PANEL.




Patented July 3d, 1883, and July 17th, 1883.

Extra Refined London Spring Steel, *Highly Polished Blade*, Carved and Full Polished Apple Handle, Patent Shaped Hand-piece, four Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted. *Without exception the Finest Saw Manufactured.*

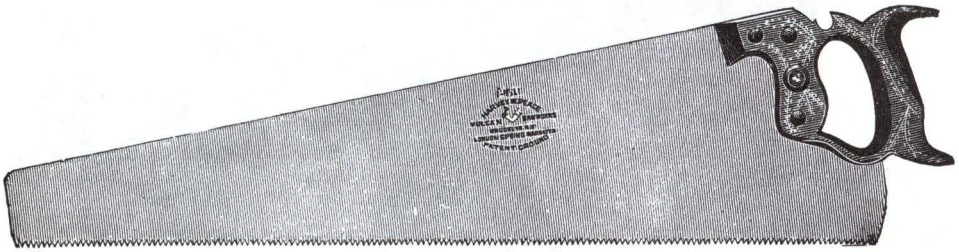
| | 16 in | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|
| Per dozen..... | $23.00 | 25.00 | 27.00 | 30.00 | 32.50 |

The above are packed in one-third dozen boxes.

# HARVEY W. PEACE

## Extra London Spring Steel, Patent Ground and Tempered, HAND, PANEL AND RIP SAWS.

### No. P68. RIP.

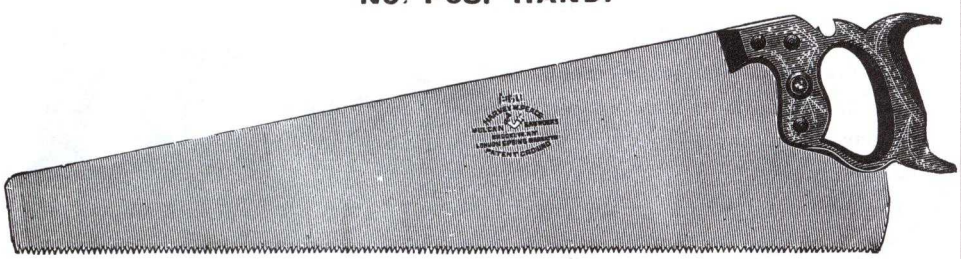


Patented July 3d, 1883, and July 17th, 1883.

Extra London Spring Steel, Selected Grained Blade, Carved and Polished Apple Handle, Patent Shaped Hand-piece, four Brass Improved Screws one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted.

28 inches, per dozen ..... $29.00
30 " " ..... 32.00

### No. P68. HAND.

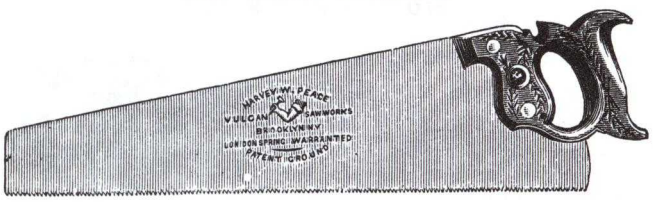


Patented July 3d, 1883, and July 17th, 1883.

Extra London Spring Steel, Selected Grained Blade, Carved and Polished Apple Handle, Patent Shaped Hand-piece, four Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted.

26 inches, per dozen ..... $25.00

### No. P68. PANEL.




Patented July 3d, 1883, and July 17th, 1882.

Extra London Spring Steel, Selected Grained Blade, Carved and Polished Apple Handle, Patent Shaped Hand-piece, four Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted.

| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|
| Per dozen ..... | $18.00 | 19.00 | 20.50 | 22.50 | 24.50 |

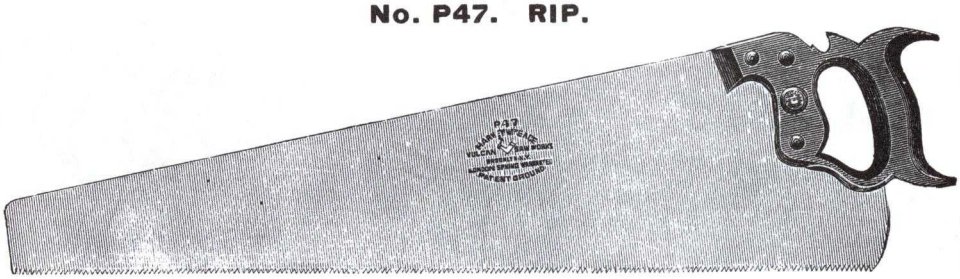
The above are packed in one-third dozen boxes.

# HARVEY W. PEACE

## Warranted Spring Steel, Patent Ground and Tempered,

## HAND, PANEL AND RIP SAWS.

### No. P47. RIP.




Patented July 3d, 1883.

Spring Steel, Grained Blade, Full Polished Apple Handle, four Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted.

28 inches, per dozen ..... $25.50
30 " " ..... 28.50

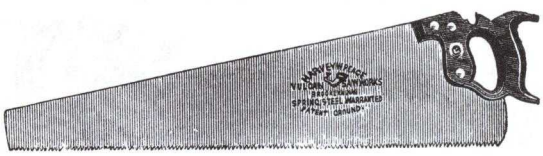
### No. P47. HAND.

Patented July 3d, 1883.

Spring Steel, Grained Blade, Full Polished Apple Handle, four Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted.

26 inches, per dozen ..... $22.50

### No. P47. PANEL.




Patented July 3d, 1883.

Spring Steel, Grained Blade, Full Polished Apple Handle, four Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted.

| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|
| Per dozen..... | $16.00 | 16.50 | 18.00 | 20.00 | 22.00 |

The above are packed in one-third dozen boxes.

# HARVEY W. PEACE

## Warranted Cast Steel, Patent Ground and Tempered,

## HAND, PANEL AND RIP SAWS.

### No. P37. RIP.

Patented July 3d, 1883.

Cast Steel, Grained Blade, Beech Handle, Polished Edges, four Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted.

28 inches, per dozen ..... $24.00
30 " " ..... 27.00

### No. P37. HAND.

Patented July 3d, 1883.

Cast Steel, Grained Blade, Beech Handle, Polished Edges, four Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted.

26 inches, per dozen ..... $21.00

### No. P37. PANEL.

Patented July 3d, 1883.

Cast Steel, Grained Blade, Beech Handle, Polished Edges, four Brass Improved Screws, one Embossed; Nickel Plated Re inforce Plate; Taper Ground, Thin Back. Warranted.

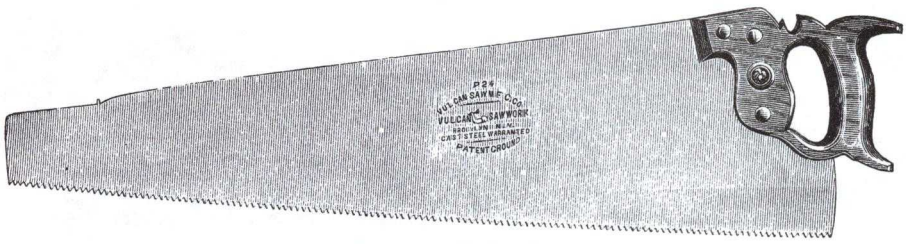
| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|
| Per dozen..... | $14.50 | 15.50 | 17.00 | 19.00 | 20.50 |

The above are packed in one-third dozen boxes.

## HAND, PANEL AND RIP SAWS.

### Warranted Cast Steel, Patent Ground and Tempered.

### No. P24. RIP.




Patented July 3d, 1883.

Cast Steel, Grained Blade, Beech Handle, Polished Edges, four Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted.

28 inches, per dozen..... $19.00
30 " " ..... 22.00

### No. P24. HAND.

Patented July 3d, 1883.

Cast Steel, Grained Blade, Beech Handle, Polished Edges, four Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted.

26 inches, per dozen..... $16.00

### No. P24. PANEL.

Patented July 3d, 1883.

Cast Steel, Grained Blade, Beech Handle, Polished Edges, four Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted.

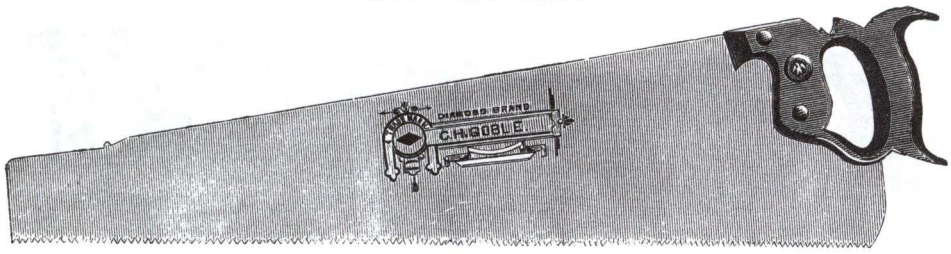
| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|---|
| Per dozen..... | $9.00 | 10.00 | 11.00 | 12.25 | 13.50 | 15.00 |

The above are packed in one-third dozen boxes.

## HAND, PANEL AND RIP SAWS.

### Warranted Cast Steel, Patent Ground and Tempered.

### No. P27. RIP.

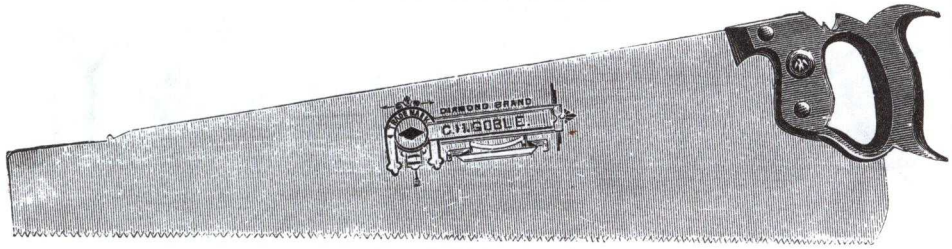



Patented July 3d, 1883.

Cast Steel, Glazed Blade, Black Walnut Handle, Polished Edges, three Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate.

28 inches, per dozen..... $15.00
30 " " ..... 18.00

### No. P27. HAND.

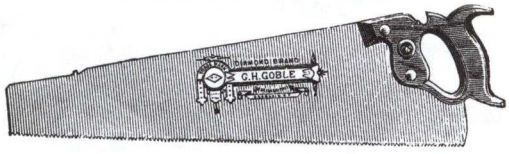



Patented July 3d, 1883.

Cast Steel, Glazed Blade, Black Walnut Handle, Polished Edges, three Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate.

26 inches, per dozen..... $12.00

### No. P27. PANEL.




Patented July 3d, 1883.

Cast Steel, Glazed Blade, Black Walnut Handle, Polished Edges, three Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate.

| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|
| Per dozen..... | $8.50 | 9.00 | 9.50 | 10.50 | 11.50 |

The above are packed in one-third dozen boxes.

## HARVEY W. PEACE'S HOLLOW BACKS.

### No. P70.

Patented July 3d, 1883, and July 17th, 1883.

Extra Refined London Spring Steel, *Highly Polished Blade*, Carved and Full Polished Apple Handle, Patent Shaped Hand piece, four Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted. *Without Exception the Finest Saw Manufactured*

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. | 28 in | 30 in |
|---|---|---|---|---|---|---|---|---|---|
| Per doz., | $21.00 | 23.00 | 25.00 | 27.00 | 30 00 | 32.50 | 33.00 | 38.00 | 43.00 |

### No. P68.

Patented July 3d, 1883, and July 17th, 1883.

Extra London Spring Steel, Selected Grained Blade, Carved and Polished Apple Handle, Patent Shaped Hand-piece, four Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted.

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. | 28 in | 30 in. |
|---|---|---|---|---|---|---|---|---|---|
| Per doz., | $17.00 | 18.00 | 19.00 | 20.50 | 22.50 | 24.50 | 25.00 | 29.00 | 32.00 |

### No. P47.

Patented July 3d, 1883.

Spring Steel, Grained Blade, Full Polished Mahogany Handle, four Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted.

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. | 28 in. | 30 in. |
|---|---|---|---|---|---|---|---|---|---|
| Per doz., | $15.50 | 16.00 | 16.50 | 18.00 | 20.00 | 22.00 | 22.50 | 25.50 | 28.50 |

The above are packed in one-third dozen boxes.

## HARVEY W. PEACE'S HOLLOW BACKS.

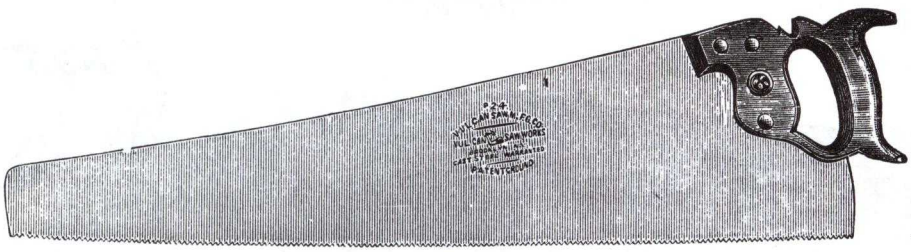
### No. P37.

Patented July 3d, 1883.

Cast Steel, Grained Blade, Beech Handle, Polished Edges, four Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted.

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. | 28 in. | 30 in. |
|---|---|---|---|---|---|---|---|---|---|
| Per doz., | $13.50 | 14.50 | 15.50 | 17.00 | 19.00 | 20.50 | 21.00 | 24.00 | 27.00 |

### VULCAN P24.

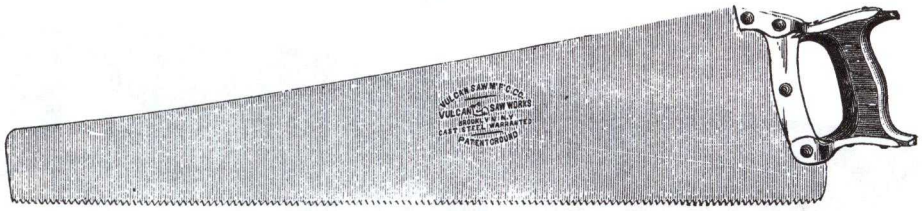


Patented July 2d, 1883.

Cast Steel, Grained Blade, Beech Handle, Polished Edges, four Brass Improved Screws, one Embossed; Nickel Plated Re-inforce Plate; Taper Ground, Thin Back; Warranted.

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. | 28 in. | 30 in. |
|---|---|---|---|---|---|---|---|---|---|
| Per doz., | $10.00 | 11.00 | 12.00 | 13.25 | 14.50 | 16.00 | 17.00 | 20.00 | 23.00 |

### VULCAN No. 15.



[Patent No. 311,437, January 27th, 1885.

In offering to the favorable consideration of the public our most recent improvement in Hand Saws we desire to call their attention to its novel and characteristic features. The handle is made of Bronze Metal; it possesses increased strength over the ordinary wooden handle now in use; it is adjusted to the blade in such a manner that greater length of stroke is obtained, while at the same time the operator is brought nearer to the work in hand, as in our P47 Saws, which have been so favorably received.

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. | 28 in. |
|---|---|---|---|---|---|---|---|---|
| Per doz., | $8.00 | 8.50 | 9.00 | 9.50 | 10.50 | 11.50 | 12.00 | 15.00 |

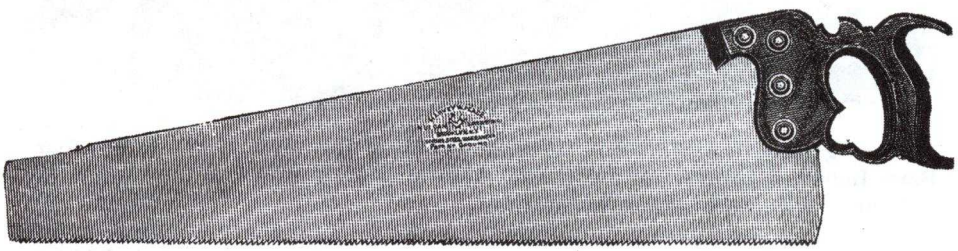
The above are packed in one-third dozen boxes.

# HARVEY W. PEACE

## Warranted Extra Refined London Spring Steel, Patent Ground and Tempered,

## HAND, PANEL AND RIP SAWS.

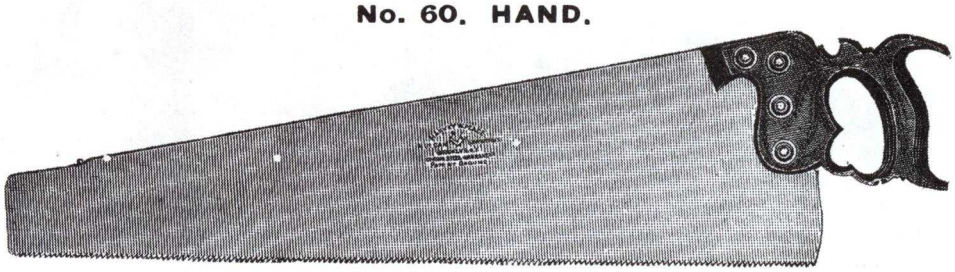
### No. 60. RIP.



Extra Refined London Spring Steel, Selected, Highly Polished Blade, Warranted; Carved and Full Polished Handle, four Brass Improved Screws. This Saw is unequaled in quality and finish. Extra Thin Back.

28 inches, per dozen..... $34.00
30 " " ..... 39.00

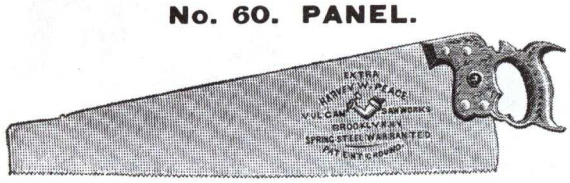
### No. 60. HAND.



Extra Refined London Spring Steel, Selected, Highly Polished Blade, Warranted; Carved and Full Polished Handle, four Brass Improved Screws. This Saw is unequaled in quality and finish. Extra Thin Back.

26 inches, per dozen..... ..... $30.00

### No. 60. PANEL.




Extra Refined London Spring Steel, Selected, Highly Polished Blade, Warranted; Carved and Full Polished Handle, four Brass Improved Screws. This Saw is unequaled in quality and finish. Extra Thin Back.

| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|
| Per dozen..... | $20.00 | 22.00 | 24.00 | 26.00 | 28.00 |

The above are packed in one-third dozen boxes.

# HARVEY W. PEACE.

## No. 45. RIP.

Spring Steel, Grained Blade, Warranted; Apple Handle, Polished Edges, four Brass Improved Screws, one Embossed. This is in every respect a first-class Saw, and warranted equal to any in the market.

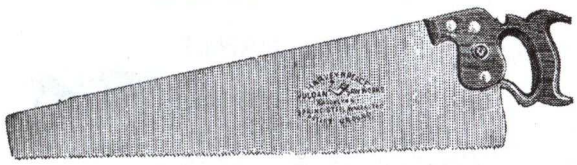
| | |
|---|---|
| 28 inches, per dozen | $24.00 |
| 30 " " | 28.00 |

## No. 45. HAND.

Spring Steel, Grained Blade, Warranted; Apple Handle, Polished Edges, four Brass Improved Screws, one Embossed. This is in every respect a first-class Saw, and warranted equal to any in the market.

| | |
|---|---|
| 26 inches, per dozen | $21.00 |

## No. 45. PANEL.



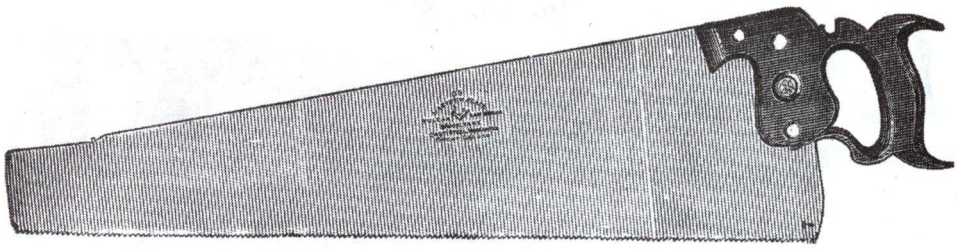
Spring Steel, Grained Blade, Warranted; Apple Handle, Polished Edges, four Brass Improved Screws, one Embossed. This is in every respect a first-class Saw, and warranted equal to any in the market.

| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|
| Per dozen | $13.50 | 14.50 | 16.50 | 18.50 | 20.00 |

The above are packed in one-third dozen boxes.

# HARVEY W. PEACE.

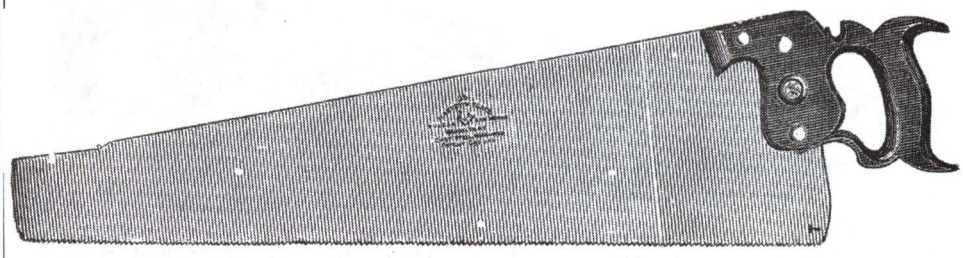
## No. 35. RIP.



Cast Steel, Grained Blade, Warranted; Beech Handle, Polished Edges, four Brass Improved Screws, one Embossed. Warranted equal to any. The Standard Saw for mechanics.

| | | | |
|---|---|---|---|
| 28 inches, per dozen | | | $23.50 |
| 30 | " | " | 27.00 |
| 32 | " | " | 30.50 |
| 34 | " | " | 34.50 |
| 36 | " | " | 39.00 |

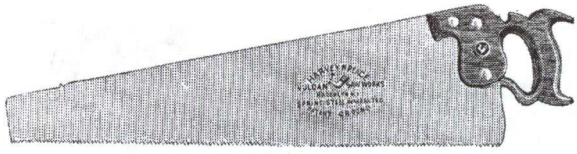
## No. 35. HAND.



Cast Steel, Grained Blade, Warranted; Beech Handle, Polished Edges, four Brass Improved Screws, one Embossed. Warranted equal to any. The Standard Saw for mechanics.

26 inches, per dozen ..... $20.00

## No. 35. PANEL.



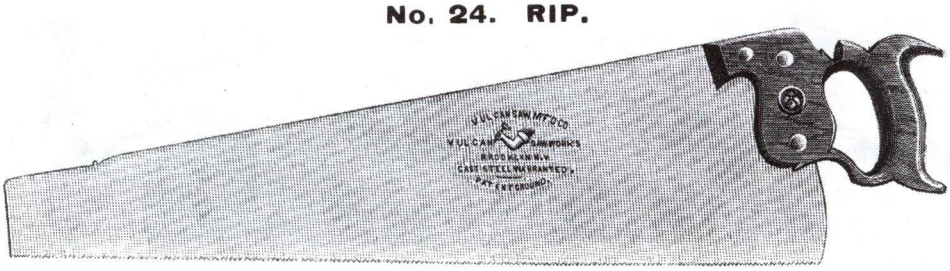
Cast Steel, Grained Blade, Warranted; Beech Handle, Polished Edges, four Brass Improved Screws, one Embossed. Warranted equal to any. The Standard Saw for mechanics.

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|---|
| Per dozen..... | $12.00 | 13.00 | 14.00 | 16.00 | 18.00 | 19.00 |

The above are packed in one-third dozen boxes.

# VULCAN SAW M'F'G CO.

## No. 24. RIP.




Cast Steel, Grained Blade, Warranted; Beech Handle, Polished Edges, four Screws.

28 inches, per dozen..... $18.00
30 " " ..... 21.00

## No. 24. HAND.

Cast Steel, Grained Blade, Warranted; Beech Handle, Polished Edges, four Screws.

26 inches, per dozen..... $15.00

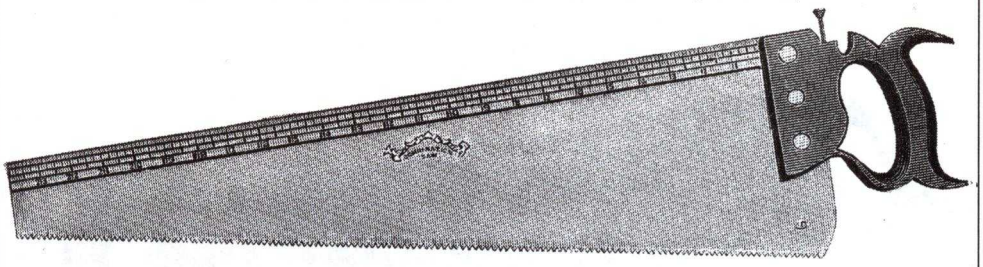
## No. 24. PANEL.

Cast Steel, Grained Blade, Warranted; Beech Handle, Polished Edges, four Screws.

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|---|
| Per dozen..... | $8.00 | 9.00 | 10.00 | 11.25 | 12.50 | 14.00 |

The above are packed in one-third dozen boxes.

## IMPROVED COMBINATION SAW, No. 29.

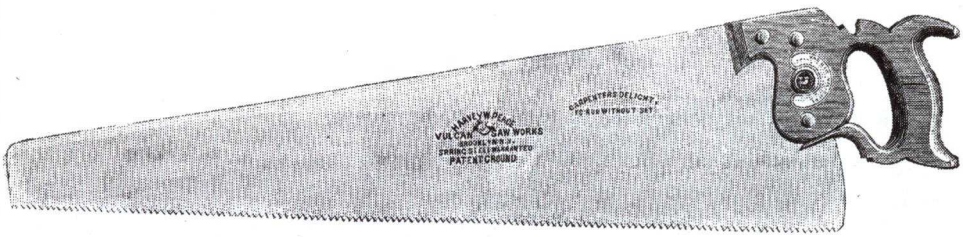


Comprising the additional advantages of a Square, 24-inch Rule and Straight Edge, and Scratch Awl. A very useful Saw.

26 inches, per dozen ..... $11.00

## CARPENTER'S DELIGHT.

To Run without Set.




Apple Handle, four Improved Screws. Ground on our Patent Grinding Machine. They are a true taper from Heel to Point and from Tooth to Back.

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. | 28 in. |
|---|---|---|---|---|---|---|---|---|
| Per dozen.. | $18.00 | 19.00 | 20.00 | 21.00 | 22.50 | 24.00 | 26.00 | 29.00 |

For fine Cabinet work and Sawing Mitres. In sharpening this Saw care should be taken to keep the teeth at same angle as it leaves the factory.

## SHIP CARPENTER'S SAW.

We make this Saw at prices of Nos. 35, 45, 60, P37, P47 and P68, and same style and finish.

The above are packed in one-third dozen boxes.

## HAND, PANEL AND RIP SAWS.

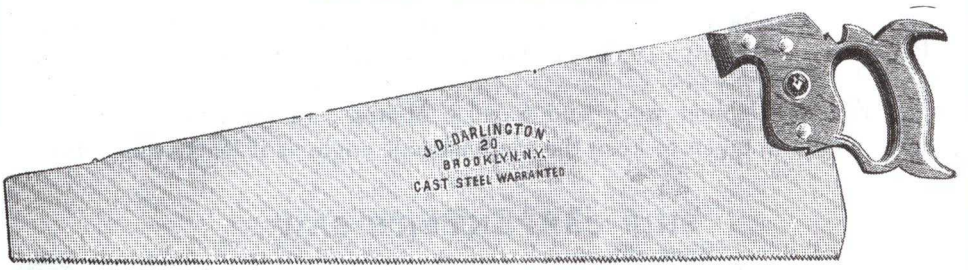
### No. P26.

Apple Handle, Carved and Polished, four Brass Screws, Full Width, Hollow Back Blade, Nickel Plated Re-inforce Plate.

| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. | 28 in. |
|---|---|---|---|---|---|---|---|
| Per dozen... | $14.00 | 15.00 | 16.00 | 17.00 | 18.00 | 20.00 | 23.50 |

This Saw is etched to order.

### No. 20. DARLINGTON.



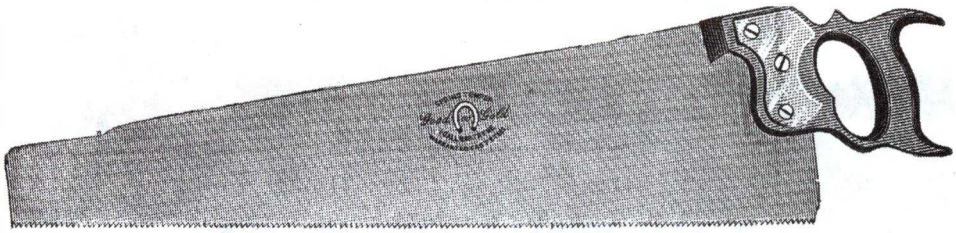

Glazed Blade, Beech Handle, Polished Edges, well Finished, four Brass Improved Screws, one Embossed.

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. | 28 in. |
|---|---|---|---|---|---|---|---|---|
| Per dozen..... | $7.00 | 8.00 | 9.00 | 10.00 | 11.00 | 12.00 | 13.00 | 15.00 |

Above packed one-third dozen in box.

## HAND, PANEL AND RIP SAWS.

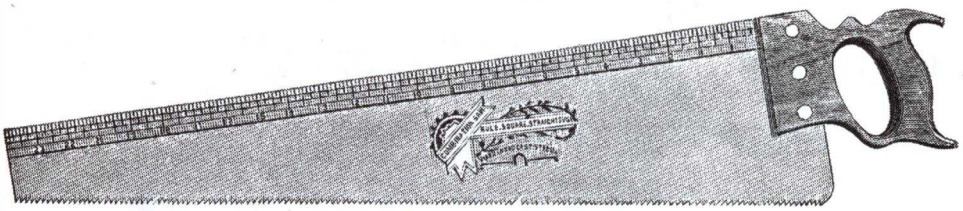
### No. 110.



Cast Steel, Black Walnut Handle, Steel Plate, three Raised Brass Screws, well Finished.

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. | 28 in. | 30 in. |
|---|---|---|---|---|---|---|---|---|---|
| Per dozen.. | $6.25 | 6.75 | 7.50 | 8.00 | 9.00 | 9.50 | 10.00 | 11.00 | 12.00 |

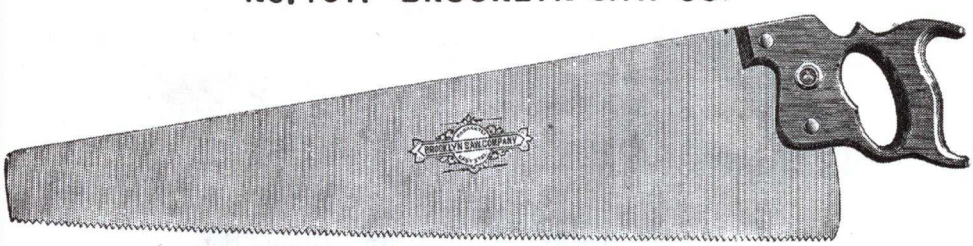
### COMBINATION SAW, No. 1.



26-inch Combination Saw, with 24-inch Square, Rule and Straight Edge.

Per dozen..... $8.00

### No. 101. BROOKLYN SAW CO.



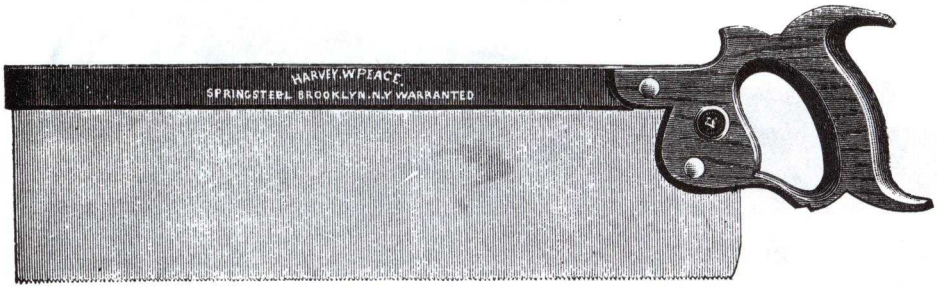
Cast Steel, Beech Handle, Polished Edges, three Brass Screws.

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. | 28 in. |
|---|---|---|---|---|---|---|---|---|
| Per dozen... | $5.50 | 6.00 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 | 9.00 |

Above in one-half dozen boxes.

# BACK SAWS.

## Mitre-Box Saws. Steel Back.




Spring Steel, Apple Handle. Four inches under Back.

| | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. | 28 in. | 30 in. |
|---|---|---|---|---|---|---|---|
| Per dozen... | $22.00 | 24.00 | 26.00 | 28.00 | 30.00 | 32.00 | 34.00 |

Same Saw, Six inches under Back.

| | 24 in. | 26 in. | 28 in. | 30 in. |
|---|---|---|---|---|
| Per dozen..... | $34.00 | 37.00 | 40.00 | 43.00 |

Mitre-Box Saws for Metal, Special Price.

## No. 50. Harvey W. Peace.

Double Refined Spring Steel, Warranted; Brass Back, Apple Handle, Polished Edges, Improved Screws, one Embossed.

| | 8 in. | 10 in. | 12 in. | 14 in. | 16 in. | 18 in. |
|---|---|---|---|---|---|---|
| Per dozen..... | $18.00 | 19.00 | 21.00 | 23.00 | 26.00 | 30.00 |

## No. 60. Carpenter's Delight. "Extra."

Steel Back, Apple Handle. To Run without Set.

| | 8 in. | 10 in. | 12 in. | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. |
|---|---|---|---|---|---|---|---|---|---|---|
| Per doz., | $17.00 | 18.00 | 20.00 | 22.00 | 25.00 | 28.00 | 31.00 | 34.00 | 37.00 | 40.00 |

The above are packed in one-third dozen boxes.

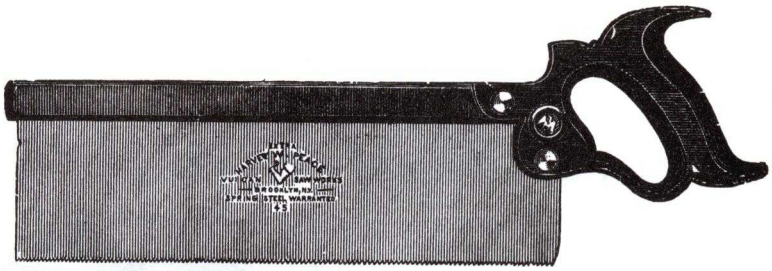
# BACK SAWS.

## Perfection, No. P47. Harvey W. Peace.

Spring Steel, Warranted; Blued Steel Back, Apple Handle, Improved Screws, Patent Shaped Hand-piece, Nickel Plated Re-inforce Plate.

| | 10 in. | 12 in. | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|---|---|---|
| Per dozen.. | $16.00 | 18.00 | 20.00 | 22.00 | 24.00 | 26.00 | 28.00 | 30.00 |

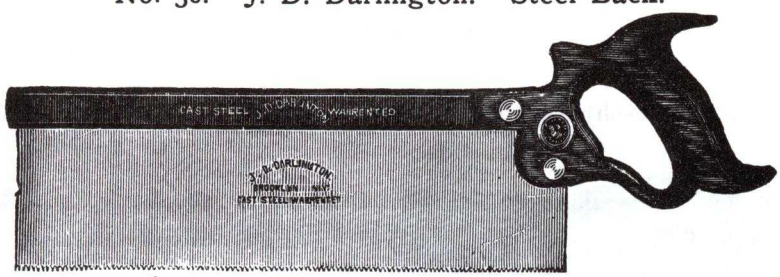
## No. 45. Harvey W. Peace.




Spring Steel, Warranted; Blued Steel Back, Apple Handle, Polished Edges, Improved Screws.

| | 6 in. | 8 in. | 10 in. | 12 in. | 14 in. | 16 in. | 18 in. |
|---|---|---|---|---|---|---|---|
| Per dozen... | $13.00 | 13.00 | 14.00 | 16.00 | 18.00 | 20.00 | 22.00 |

## No. 30. J. D. Darlington. Steel Back.



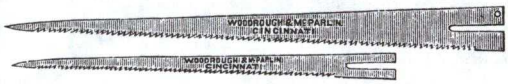

Cast Steel, Warranted; Blued Back, Beech Handle, Polished Edges, three Brass Screws, one Embossed.

| | 8 in. | 10 in. | 12 in. | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|---|---|---|---|
| Per doz., | $9.00 | 10.00 | 12.00 | 14.00 | 16.00 | 18.00 | 20.00 | 22.00 | 24.00 |

The above are packed in one-third dozen boxes.

# INTERCHANGEABLE COMPASS SAWS.

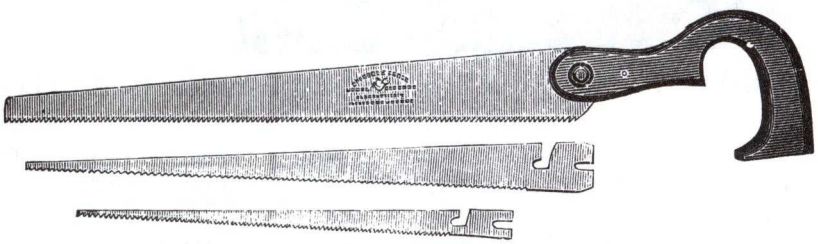
## Interchangeable Nest of Saws.




Combining (one each) Keyhole and Compass Blade.

| | | | |
|---|---|---|---|
| Handle and Screws, | per dozen | ..... | $2.60 |
| Compass Blades, | " | ..... | 3.20 |
| Keyhole " | " | ..... | 1.60 |
| Complete, | " | ..... | $7.25 |

## Interchangeable Nest of Saws, No. 3.



Patent No. 298,115, May 6th, 1884.

Combining (one each) Keyhole, Compass and Table or Pruning Saw Blade.

| | | | |
|---|---|---|---|
| Handle and Screws, | per dozen | ..... | $2.60 |
| Pruning Blades, | " | ..... | 5.10 |
| Compass " | " | ..... | 3.20 |
| Keyhole " | " | ..... | 1.60 |
| Complete, | " | ..... | $12.50 |

The above are packed in one-half dozen sets.

# COMPASS SAWS.

### No. 45.

Spring Steel, Thin Back, Apple Handle, Improved Screws.

| | 10 in. | 12 in. | 14 in. | 16 in. | 18 in. |
|---|---|---|---|---|---|
| Per dozen..... | $4.25 | 4.50 | 4.75 | 5.00 | 5.25 |

### No. 40.

Cast Steel, Thin Back, Beech Handle, two Brass Screws.

| | 10 in. | 12 in. | 14 in. | 16 in. |
|---|---|---|---|---|
| Per dozen..... | $4.00 | 4.25 | 4.50 | 4.75 |

### No. 15. Iron Handle.

| | |
|---|---|
| 12 inches, per dozen..... | $6.50 |
| 14 " " ..... | 6.75 |

Extra Blades, per dozen, $3.20.

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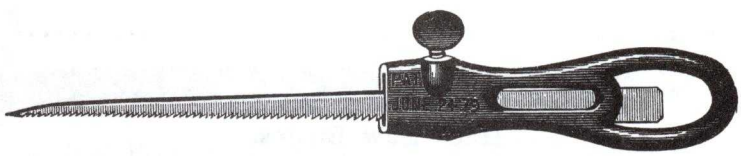
# COMPASS OR KEYHOLE SAWS.

### No. 10.



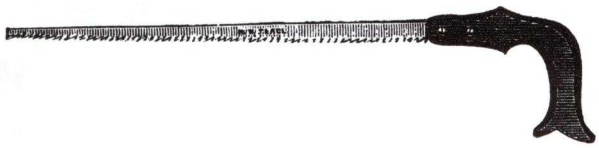
6 to 12 inches, per dozen..... $2.15

Extra Blades, per dozen, $1.25. Handles, 90c.

The above are packed in one-half dozen boxes.

# COMPASS OR KEYHOLE SAWS.

**No. 20.**



Fine Teeth and Narrow Blade. Adapted to fine work.

6 to 12 inches, per dozen..... $2.75

The above are packed in one-half dozen boxes.

---

## Cast Steel Compass Saw Blades.

Set and Sharpened, per dozen..... $3.20

## Cast Steel Keyhole or Fret Saw Blades.

Assorted, 8 to 12 inches, Set and Sharpened, Extra Ground, per doz.. $1.50

## Currier or Slicker Blades

OF SUPERIOR QUALITY TO ORDER.

Per dozen..... $2.25

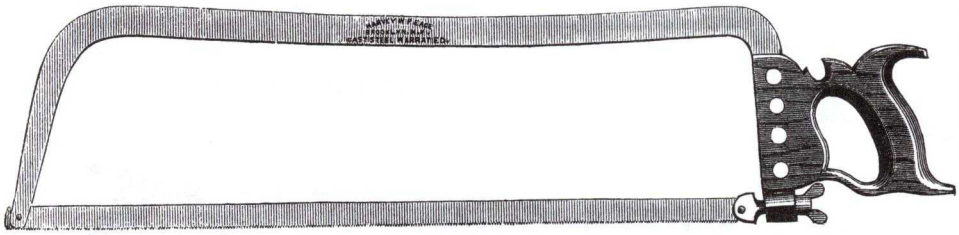
## Hack Saw Blades.

| | 6 in. | 7 in. | 8 in. | 9 in. | 10 in. | 11 in. | 12 in. | 13 in. | 14 in. | 16 in. | 18 in. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Per doz., | $1.90 | 2.35 | 2.80 | 3.00 | 3.25 | 3.50 | 3.75 | 4.25 | 4.50 | 5.50 | 6.00 |

The above are put up in one dozen packages

# BUTCHER SAWS.

## No. 65. California, Flat Steel Back, Tempered, Clock Spring Blade.



| | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. |
|---|---|---|---|---|---|
| Per dozen..... | $28.00 | 29.00 | 30.00 | 31.00 | 32.00 |

## No. 60. California Oval Steel Back.

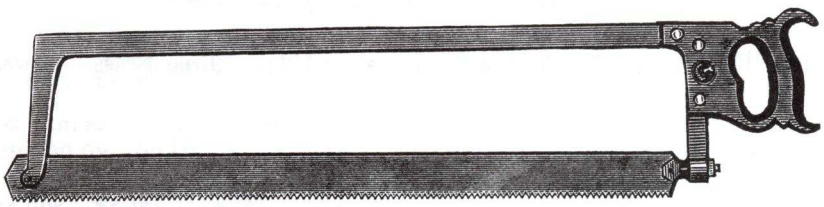
| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|
| Per dozen..... | $20.00 | 21.00 | 22.00 | 23.00 | 24.00 |

## No. 55. Steel Back. Western Pattern.

Best Flat Steel Back, Beech Handle, Polished Edges, three Brass Screws.

| | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. |
|---|---|---|---|---|---|
| Per dozen..... | $20.00 | 21.00 | 23.00 | 25.00 | 27.00 |

## No. 50. Steel Back. New York Pattern.



Best Flat Steel Back, Beech Handle, Polished Edges, four Brass Screws.

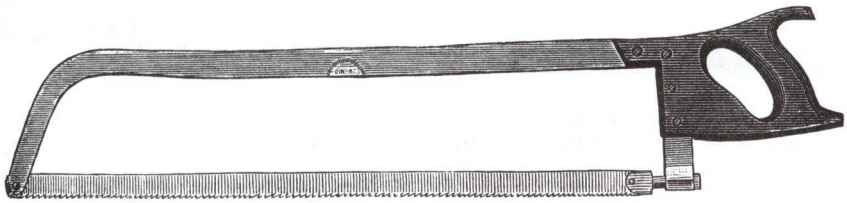
| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. |
|---|---|---|---|---|---|---|
| Per dozen..... | $20.00 | 21.00 | 22.00 | 23.00 | 24.00 | 26.00 |

The above are packed in one-third dozen boxes.

# BUTCHER SAWS.

## No. 45. Steel Back. Cincinnati Pattern.

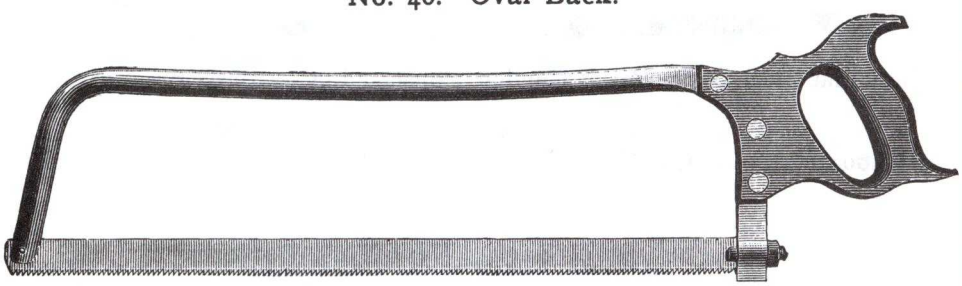
Blade, ¾ inch wide.



Flat Steel Back, Beech Handle, Polished Edges, three Screws.

| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. | 28 in. |
|---|---|---|---|---|---|---|---|
| Per dozen..... | $15.00 | 16.00 | 17.00 | 18.00 | 19.00 | 20.00 | 21.00 |

## No. 40. Oval Back.



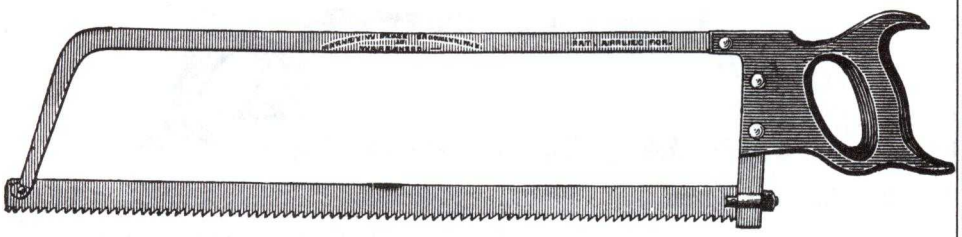
Best Oval Back, Beech Handle, Polished Edges, three Brass Screws.

| | 12 in. | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. |
|---|---|---|---|---|---|---|---|---|
| Per dozen.... | $14.50 | 15.25 | 16.00 | 17.00 | 18.00 | 19.00 | 20.00 | 22.00 |

The above are packed in one-third dozen boxes.

# BUTCHER SAWS.

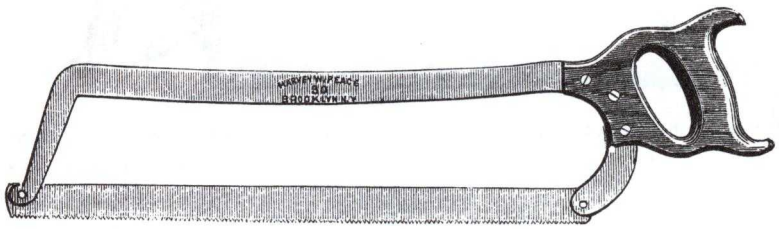
## No. 35. Steel Back. Eastern Pattern.



Flat Steel Back, Beech Handle, Polished Edges, three Brass Screws.

| | 16 in. | 18 in. | 20 in | 22 in. | 24 in. | 26 in. |
|---|---|---|---|---|---|---|
| Per dozen..... | $17.00 | 18.00 | 19.00 | 20.00 | 21.00 | 22.00 |

## No. 30. Steel Back.



Flat Back, Beech Handle, Polished Edges, three Brass Screws.

| | 12 in. | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|---|---|
| Per dozen..... | $11.25 | 11.75 | 12.50 | 13.25 | 14.00 | 14.75 | 15.50 |

The above are packed in one-third dozen boxes.

## BUTCHER SAW BLADES.

Blades to 1¼ inches wide inclusive.

| | 12 in. | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. | 28 in. |
|---|---|---|---|---|---|---|---|---|---|
| Per doz., | $4.50 | 4.75 | 5.00 | 5.25 | 5.50 | 5.75 | 6.00 | 6.25 | 6.50 |

Blades from 1¼ to 2 inches wide inclusive.

| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. | 28 in. |
|---|---|---|---|---|---|---|---|
| Per doz., | $6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 |

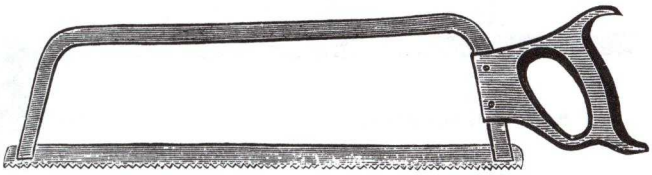
Clock Spring Blued Blades, ⅝ inch wide.

| | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. | 28 in. |
|---|---|---|---|---|---|---|---|
| Per doz., | $6.00 | 6.25 | 6.50 | 6.75 | 7.00 | 7.25 | 7.50 |

The above are put up in one dozen packages.

# KITCHEN SAWS.

### Flat Back.



| | |
|---|---|
| 12 inches, per dozen | $6.50 |
| 14 " " | 7.50 |
| 16 " " | 8.25 |

### Oval Back.

| | |
|---|---|
| 12 inches, per dozen | $6.50 |
| 14 " " | 7.50 |
| 16 " " | 8.25 |

### Saw Knives.

| | |
|---|---|
| Cast Steel, Extra Quality, per dozen | $5.25 |

# PORK PACKERS' SAWS.

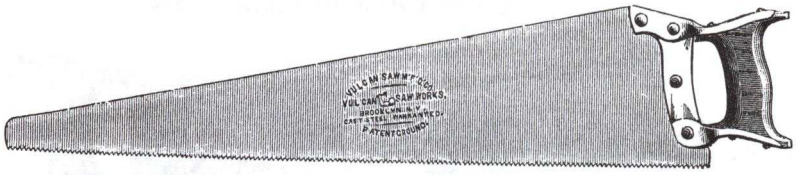
### Oval Back.

| | |
|---|---|
| 14 inches, per dozen | $15.25 |
| 16 " " | 16.00 |
| 18 " " | 17.00 |

The above are packed in one-half dozen boxes.

# PRUNING SAWS.

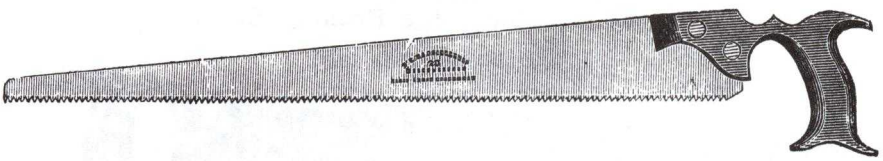
## No. 15.




Patent No. 311,435, January 27th, 1885.

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. |
|---|---|---|---|---|---|---|
| Per dozen..... | $9.00 | 9.50 | 10.00 | 10.50 | 11.50 | 12.50 |

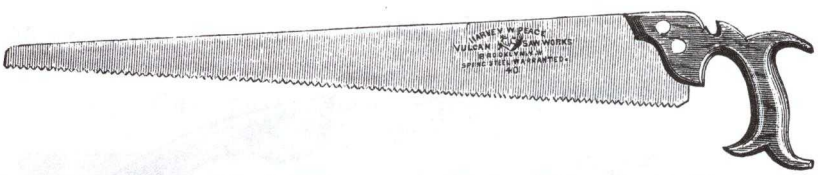
## No. 20.



Beech Handle, Polished Edges, two Brass Screws.

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. |
|---|---|---|---|---|---|---|---|
| Per dozen... | $6.00 | 6.75 | 7.50 | 8.50 | 9.00 | 9.75 | 10.50 |

## No. 40.




This Saw is Spring Steel, Warranted; Extra Thin Back, Heavy Blade, Ground Thin on Back, Apple Handle, Polished Edges, Two Brass Screws.

| | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. | 24 in. | 26 in. |
|---|---|---|---|---|---|---|---|
| Per dozen..... | $8.50 | 9.00 | 10.00 | 11.00 | 12.00 | 13.00 | 14.00 |

The above are packed in one-half dozen boxes.

# PRUNING SAWS.

## No. 50. Double Edge Pruning Saws.

| | 12 in. | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. |
|---|---|---|---|---|---|---|
| Per dozen ..... | $8.50 | 9.00 | 9.50 | 10.50 | 11.50 | 12.50 |

## No. 30. Double Edge Pruning Saws.

| | 12 in. | 14 in. | 16 in. | 18 in. | 20 in. | 22 in. |
|---|---|---|---|---|---|---|
| Per dozen..... | $6.00 | 6.50 | 7.00 | 7.75 | 8.50 | 9.50 |

## California.

| | 12 in. | 14 in. |
|---|---|---|
| Per dozen..... | $6.50 | 7.50 |

The above are packed in one-half dozen boxes.

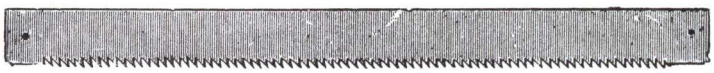
# WOOD SAW BLADES.

## Patent Ground and Tempered Cast Steel Wood Saw Blades.

Set and Sharpened.

| | 30 in. | 32 in. |
|---|---|---|
| No. 10, Jennings's, per dozen | $3.00 | $3.25 |
| " 20, Baldwin's, " | 3.75 | 4.00 |
| " 35, Peace's Cast Steel, per dozen | 6.00 | 6.50 |
| " 50, Peace's Extra, for Wood Sawyers, per dozen | 9.00 | 9.50 |

## Peg Tooth Wood Saw Blades.



Set and Sharpened.

| | 30 in. | 32 in |
|---|---|---|
| No. 10, Jennings's, per dozen | $3.25 | $3.50 |
| " 20, Baldwin's, " | 4.25 | 4.50 |
| " 35, Peace's, " | 6.25 | 6.75 |
| " 50, Peace's, " | 9.50 | 10.00 |

## Lightning Tooth Wood Saw Blades.

Set and Sharpened.

| | 30 in |
|---|---|
| No. 35, per dozen | $6.50 |

## Champion Tooth Wood Saw Blades.

Set and Sharpened.

| | 30 in. | 32 in |
|---|---|---|
| No. 10, Jennings's, per dozen | $3.25 | $3.50 |
| " 35, Peace's, " | 6.50 | 7.00 |

The above are put up in one dozen bundles.

# DIAMOND WOOD SAWS.

30 in.

No. 545, Clock Spring, Blue Blade, Complete, per dozen..... $11.00

30 in

No. 550, Peace's, Spring Steel, Bow Belly, Thin Back, Complete, per dozen..... $11.00

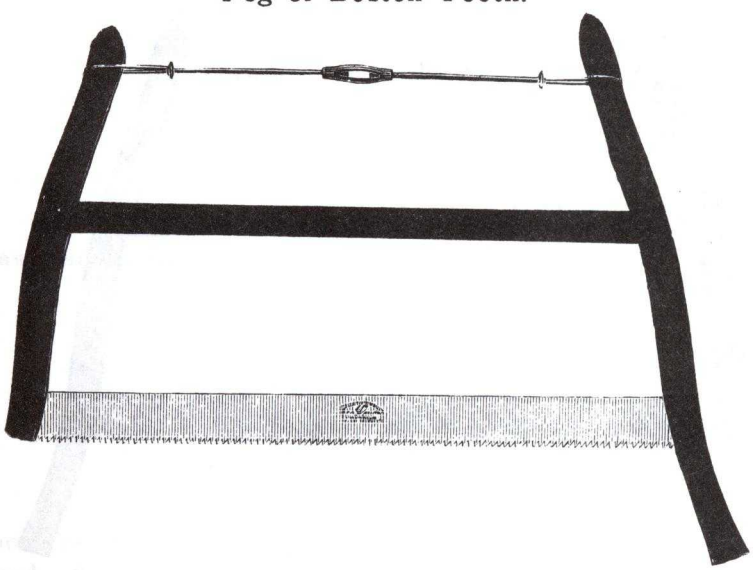
The above are packed in one-half dozen boxes.

## COMMON FRAME WOOD SAW.

| | 30 in. |
|---|---|
| No. 110, Jennings's, Cast Steel, Complete, per dozen | $5.50 |
| " 120, Baldwin's, " " " | 7.25 |
| " 135, Peace's, Spring Steel, Bow Belly, Complete, per dozen | 10.00 |

## NEW ENGLAND WOOD SAWS.

**Peg or Boston Tooth.**



| | 32 in. |
|---|---|
| No. 01, Jennings's, Cast Steel, Complete, per dozen | $7.25 |
| " 02, Baldwin's, " " " | 8.50 |
| " 05, Peace's, Spring Steel, Bow Belly, for Wood Sawyers, Complete, per dozen | 10.00 |

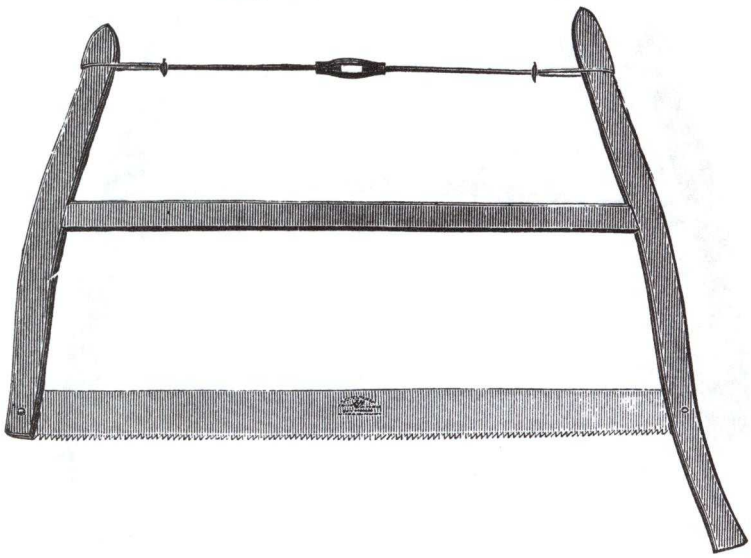
The above are packed in one-half dozen boxes.

# COMMON FRAME WOOD SAWS.

| | 30 in. |
|---|---|
| No. 10, Jennings's, Complete, per dozen | $5.00 |
| " 20, Baldwin's, " " | 6.00 |
| " 35, Peace's, Cast Steel, Complete, per dozen | 9.00 |

# NEW ENGLAND WOOD SAWS.

**Peg or Boston Tooth.**



| | 32 in. |
|---|---|
| No. 010, Jennings's, Cast Steel, Complete, per dozen | $6 00 |
| " 020, Baldwin's, " " " | 7.25 |
| " 050, Peace's, Spring Steel, Extra, for Wood Sawyers, Complete, per dozen | 9.75 |

The above are packed in one-half dozen boxes.

# HANDLES.

| | 16-18 in. | 20-22 in. | 24-26 in. |
|---|---|---|---|
| Hand Saw, No. 101, per dozen | | | $1.25 |
| " " 20, " | $1.30 | $1.50 | 1.50 |
| " " 35, " | 2.25 | 2.25 | 2.50 |
| " " 45, " | 2.75 | 2.75 | 3.00 |
| " " P37, " | 3.25 | 3.25 | 3.50 |
| " " P47, " | 3.75 | 3.75 | 4.00 |
| " " P68, " | 6.25 | 6.50 | 6.75 |

| | 8-10-12 in. | 14-16 in. |
|---|---|---|
| Back Saw, No. 30, per dozen | $1.25 | $1.50 |
| " " 45, " | 2.50 | 2.75 |
| Compass Saw, No. 40, Beech, per dozen | | 1.00 |
| One Man Saw, per dozen | | 4.00 |

| | |
|---|---|
| Butcher Saw, No. 55, per dozen | $2.25 |
| " " 50, " | 2.00 |
| " " 45, " | 1.80 |
| " " 40, " | 1.75 |
| " " 30, " | 1.75 |

Saw Handles made to suit the market, in both prices and quality.

Saw Handles in one dozen bundles.

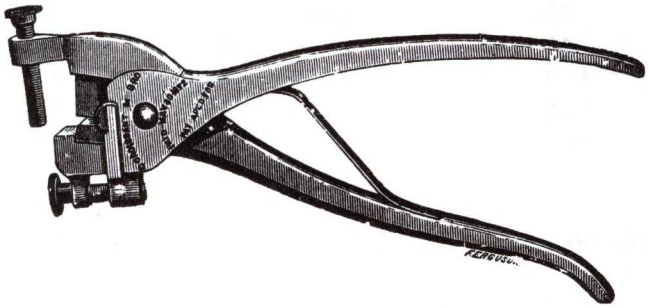
# WOOD SAW FRAMES.

| | |
|---|---|
| Common Frame, not painted, per gross | $17.00 |
| Diamond " " " | 30.00 |
| Common " Painted, " | 25.00 |
| Diamond " " " | 42.00 |

The above in half-gross cases.

# CROISSANT'S IMPROVED

# KELLER'S SAW SET.



FOR SETTING SAWS OF EVERY DESCRIPTION.

**The Cheapest, Best and Most Simple Saw Set in the Market.**

☞ Every Set *Warranted.* Any defective part can be returned by mail.

| | |
|---|---|
| No. 1, for Band, Scroll and all Hand Saws, per dozen..... | $12.00 |
| " 2, " all kinds of Cross-Cut Saws, " ..... | 20.00 |
| " 1, Nickel Plated, net extra..... | 2.00 |

Each Set put up in a neat box, packed one-half dozen in a box, six dozen in a case.

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DISCOUNT SHEET.

# THE NATIONAL SAW CO.

NEWARK, N. J.

APRIL 1, 1895.

OPERATING

RICHARDSON BROTHERS.

WHEELER, MADDEN & CLEMSON MFG. CO.

WOODROUGH & McPARLIN.

HARVEY W. PEACE COMPANY.

**All Former Quotations are Cancelled.**

## TO TAKE EFFECT FROM APRIL 1, 1895.

## DISCOUNT SHEET.

## RICHARDSON BROTHERS.

| Pages. | DESCRIPTION. | Discount. |
|---|---|---|
| 6 | Circular Saws | 45% |
| 8 | Shingle Saws, and Metal, Bone and Ivory Saws | |
| 9 | Concave Saws | |
| 10 | Grooving Saws | |
| 10 | Circular Saws for Slate | |
| 10 | Circular Saws for Cutting Hot or Cold Iron | |
| 12 | Reslitting and Slabbing Saws in Segments | |
| 16 | Mulay and Mill Saws | |
| 17 | Gang Saws | |
| 18 | Drag Saws | |
| 18 | Whip Saws | |
| 19 | Pit Saws and Tiller Handles | |
| 19 | Futtock Saw | |
| 20 | Ice Saws | |
| 21-23 | Cross-Cut Saws | |
| 24 | One Man Cross-Cut Saws | |
| 55 | Band Saws | 40% |
| 12 | Veneer and Cigar Box Segment Saws | 35% |
| 11 | Repairing | |
| 13-14 | Mandrels for Circular Saw | |
| 15 | Saw Sets | |
| 15 | Swages | |
| 25 | Cross-Cut Saw Handles | |
| 26-38 | Hand, Panel and Rip Saws | |
| 39 | Ship Carpenter and Joiner Saws | 25% |
| 39-40 | Pruning Saws | |
| 40 | Plumbers' Saws | |
| 41-42 | Back Saws | |
| 43 | Mitre Box Saws | |
| 4 | Compass Saws | |
| 44 | Fret Saw Blades | |
| 45 | Adjustable Compass and Keyhole Saws | |

| Pages. | DESCRIPTION. | Discount. |
|---|---|---|
| 46-48 | Butcher Saws | 25% |
| 49 | Butcher Saw Blades | |
| 49 | Pork Packers' Saws | |
| 49-50 | Kitchen Saws | |
| 50 | Saw Knives | |
| 50 | Hack Saws, Blades and Frames | |
| 51 | Adjustable Open Back Butcher Saws | |
| 52 | Webs, Turning and Felloe | |
| 53 | Webs for Foot Power Machines | |
| 53 | Cabinet Tanged Saws | |
| 53 | Mulay Scroll Saws | |
| 53 | Fay's Patent Scroll Saws | |
| 54 | German Cabinet Saw Frames | |
| 54 | Turning Saws and Frames | |
| 56-61 | Wood Saws, Framed, Complete | |
| 61-62 | Wood Saw Blades | |
| 63 | Cooper Webs | |
| 63 | Rods for Wood Saw Frames | |
| 64 | Saw Handles | |
| 64 | Butcher Saw Handles | |
| 64 | Plane Handles | |
| 64 | Templets | |
| 65 | Saw Screws | |
| 65 | Wall Scrapers | |
| 65 | Butcher Block Scrapers | |
| 65 | French Veneer Saws | |
| 66 | Scrapers--French Cabin't, German Swan Neck, and Bakers' | |
| 66 | Cabinet Scrapers | |
| 66 | Mitre Rods | |
| 67-70 | Trowels, Plastering and Brick | |
| 71 | Slaw and Crout Cutters | |
| 72 | Cane Knives | |
| 73-74 | File List | 70% |
| 63 | Wood Saw Frames | Net. |

# DISCOUNT SHEET.

# WHEELER, MADDEN & CLEMSON MFG. CO.

| Pages. | DESCRIPTION. | Discount. |
|---|---|---|
| 77–85 | Cross-Cut Saws | 45% |
| 86 | One Man Cross-Cut Saws | |
| 105 | Slaw and Kraut Cutters | 40% |
| 88–89 | Cross-Cut Handles | 25% |
| 96 | Back and Mitre Box Saws | |
| 97–98 | Pruning Saws | |
| 98 | Nest Saws | |
| 98–100 | Compass and Keyhole Saws | |
| 101 | Keyhole Saws and Pads | |
| 101 | Saw Knives | |
| 101 | Turning, Felloe and Mill Webs | |
| 102 | Kitchen and Butcher Saws | |
| 103 | Butcher Saws | |
| 104 | Butcher Saw Blades | |
| 104 | Dehorning Saws | |
| 104 | Plastering Trowels | |
| 106 | Wall Scrapers | |
| 106–107 | Mincing Knives | |
| 107 | Champion Chopping Knife | |
| 109–113 | Wood Saws, Complete | |
| 114 | Hand Saw Handles | 25% |
| 114 | Back and Butcher Saw Handles | |
| 114 | One Man Saw Handles | |
| 114 | Wood Saw Rods | |
| 114 | Saw Screws | |
| 115–116 | Cane Knives | |
| 90–95 | Hand, Panel and Rip Saws | 30% |
| 94 | Ship Carpenters' Saws | |
| 87 | Champion Tools for Fitting Cross-Cut Saws | 20% |
| 87 | Raker Gauges | |
| 114 | Wood Saw Frames | 10% |
| 108 | Wood Saw Blades | |
| 114 | Turning Web Frames | |

# DISCOUNT SHEET.

# WOODROUGH & McPARLIN.

| Pages. | DESCRIPTION. | Discount. |
|---|---|---|
| 143 | Slaw Cutters | 40% |
| 144 | Kraut Cutters | |
| 119-122 | Cross-Cut Saws | 45% |
| 123 | Mixter's Champion Gummers | 30% |
| 124 | Hammer Saw Sets | 25% |
| 125 | Corn Knives | |
| 126-133 | Hand, Panel and Rip Saws | |
| 133 | Saw Rods and Frames | |
| 133 | Pruning Saws | |
| 134 | Nest Saws | |
| 134-135 | Compass Saws | |
| 135 | Keyhole Saw and Pad | |
| 136 | Mitre Box Saws | |
| 136 | Back Saws | |
| 137-139 | Butcher Bow Saws | |

| Pages. | DESCRIPTION. | Discount. |
|---|---|---|
| 139 | Beef Splitters | 25% |
| 140 | Kitchen Saws and Knives | |
| 141 | Hack Saws and Pork Packers' Saws | |
| 142 | Hand Choppers | |
| 142 | Kitchen Choppers | |
| 142 | Mincing Knives | |
| 142 | Cabinet Scrapers | |
| 143 | Plastering Trowels | |
| 146-149 | Wood Saws, Complete | |
| 123 | Extra Cutters for Mixter Gummers | 20% |
| 124 | Mixter Double Upset | |
| 123 | Dole's Patent Saw Gummer | 10% |
| 145 | Billet Webs | |
| 145 | Billet Webs, No. 0 | Net. |

# DISCOUNT SHEET.

## HARVEY W. PEACE COMPANY.

| Pages. | DESCRIPTION. | Discount. |
|---|---|---|
| 154-157 | Cross-Cut Saws | 45% |
| 158 | One Man Cross-Cut Saws | |
| 159 | Band Saws | 40% |
| 161-175 | Hand, Panel and Rip Saws | 25% |
| 173 | Combination and Ship Carpenters' Saws | |
| 176-177 | Back Saws | |
| 178 | Interchangeable Compass and Nest Saws | |
| 179-180 | Compass or Keyhole Saws | |
| 180 | Compass Saw Blades | |
| 180 | Keyhole Saw Blades | |
| 180 | Currier or Slicker Blades | |
| 180 | Hack Saw Blades | 25% |
| 181-183 | Butcher Saws | |
| 183 | Butcher Saw Blades | |
| 184 | Kitchen Saws | |
| 184 | Saw Knives and Pork Packers' Saws | |
| 185-186 | Pruning Saws | |
| 187 | Wood Saw Blades | |
| 188-190 | Wood Saws, Complete | |
| 191 | Handles | |
| 191 | Wood Saw Frames | |
| 192 | Keller's Saw Set | |
| 153 | Machine Knives | 10% |

Soliciting a continuance of your orders, we remain,

Yours truly,

THE NATIONAL SAW CO.

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WHEELER MADDEN & CLEMSON
Celebrated Champion Cross-Cut Saws

RICHARDSON BROTHERS
Celebrated Best Hand Saws

WOODROUGH & McPARLIN
Cincinnati Plastering Trowels

HARVEY W. PEACE CO.
Hand and Hand Saws